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ILLINOIS DATA CATALOG

(Preliminary Print)


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ILLINOIS DATA CATALOG

(Preliminary Print)

STATE OF ILLINOIS

INSTITUTE FOR ENVIRONMENTAL QUALITY

ILLINOIS DATA CATALOG

(Preliminary Print)

STATE OF ILLINOIS
INSTITUTE FOR ENVIRONMENTAL QUALITY
Richard B. Ogilvie, Governor
Michael Schneiderman, Director

June, 1972

Acknowledgment

This Data Catalog was prepared for the Illinois Institute for Environmental Quality by the Center for Advanced Computation at the University of Illinois (Urbana-Champaign). The assistance of the agencies of local, State, and federal governments is gratefully acknowledged. Their co-operation in providing information made this Catalog possible.

Illinois Institute for Environmental Quality
202 State House
Springfield, Illinois 62706

309 West Washington Street
Chicago, Illinois 60606

HOW TO USE THE ILLINOIS DATA CATALOG

1. WHERE to find data which you know, or suspect, already exists:
Consult the Table of Contents, or the Subject Matter Index, to find the appropriate entry page. Contact the person identified for access to data.
2. WHAT data exists on a particular subject:
Consult the 500 word Subject Matter Index to find the appropriate entry pages. Contact the person identified for access to data.
3. AGENCY data collections:
Consult the Agency Data Index to find the entry pages containing data collected by a particular State or federal agency. Contact the Agency for further information.
4. WHO in the collecting agency is responsible for particular data:
Consult the appropriate index to find the entry page for particular data. Contact the agency employee listed at the telephone number or address listed on the entry page.
5. MISSING data--data collected but not listed in this Catalog:
Complete the Data Registry form at the back of this Catalog, and forward it to the Institute.
6. ERRORS in data listings:
Complete the Data Registry form at the back of this Catalog, showing the page being corrected, and supplying corrected information.

FOREWORD

Data is a necessary, but never sufficient, ingredient in the avoidance of environmental mistakes. Unless some truth is known about surroundings which are about to be changed, the impact of the proposed change cannot be seen. Failure to see clearly in advance what will happen when man acts often results in unpleasant surprises.

This Data Catalog is designed to take some of the surprise out of environmental change. It proceeds on a simple premise: All that is known about a place ought to be analyzed prior to a change in that place. However good the intentions of builders, developers, governments, and others, it has seldom been an easy matter to gain ready access to all that is known about target areas being considered for major public and private works. Much of what is listed here has been available routinely to some government agencies in their work. But much of it has remained unused or unknown by other agencies which might have benefited from it. Public and private users, such as developers and industry, have missed the utility of this data. Citizens devoted to environmental protection have had great difficulty in finding and using available information. In short, potential users have been unaware of existing data, or have been unable to quickly track it down.

This Catalog opens data collections to everyone who wishes to see by solving two of the basic data access problems:

- Data known to exist, but hard to locate, can now be easily found;
- Data the existence of which is not widely known, can now be identified.

Environmental planners, the public, and all others with a concern for the effect of man on his surroundings will be able to learn what is known about Illinois, and will be able to use that learning efficiently.

This catalog has four major sections:

- Human Resources
- Land Resources
- Water Resources
- Air Resources

Entries are arranged by subject within these classifications. For each entry the data type, geographic area covered, and update frequently are listed first. This is followed by a narrative description of the contents of the data file, origin of the information, and references to publications based on the data. An address for ordering publications is given and accessibility restrictions, if any, are noted. Finally, a guide to more complete and detailed information is provided. The name, address, and telephone number of the agency and/or person familiar with the data are given on each entry.

The catalog assembles information for "environmental" planning in Illinois. It can help direct planners to the types of natural resource information which must be considered in determining environmental impact. The recent requirement for environmental impact statements has resulted in a sudden increase in the size of the group using natural resource data. By listing the names and telephone numbers of the information sources, this catalog can help promote feedback from the users to the providers of information. Finally, most entries refer to mapped information or relatively unprocessed data files. This will facilitate aggregation of data with natural boundaries (e.g. river basins) as well as within political jurisdictions.

The scope and content of this first edition of the catalog are limited. For the most part, attention was restricted to those data files updated at regular intervals by state government agencies. Similar data files are produced at the federal and local levels, as well as in the private sector. They will be included in later editions of the catalog. This edition does not include references to many data files which referred only to small geographic areas within the State. Emphasis was placed on information covering most or all of the State. The State Natural History, Geological, and Water Surveys have published scores of reports on the natural resources for many areas in the State, but references to each of these were not included although the data might be of interest to local and regional planners.

This catalog is also limited to data files and information which are in some sense mappable. Information pertaining to the State of Illinois as a whole, as opposed to specific geographic areas within the State, is not included. Similarly, data which had been processed in such a way that it has lost its geographic character is not included. Emphasis is placed on raw or unprocessed data files in order to maximize the geographic resolution of the data.

More data about Illinois exists than is recorded here. The reporting forms at the back of the catalog should be used to notify the Institute of data collections not included in the present edition. Future editions will be expanded to include additional entries.

Data alone will not prevent environmental mistakes. Data can be ignored and misused. But it is the credo of the Institute for Environmental Quality that people will generally do the right thing if they are given enough light to see the way. This catalog should help.

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HUMAN RESOURCES

PERSONAL

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PERSONAL

Census of population

AREA: Entire state

UPDATED: 1970, every 10 years

Six computer tapes, representing a 1/1000th sample of census data on housing and personal (family) characteristics, will be available in June, 1972. The Survey Research Laboratory at the University of Illinois will receive copies of these tapes.

CONTACT:

Survey Research Laboratory
Data Archives
University of Illinois
Urbana, IL 61801
Phone (217) 333-6572

PERSONAL

Population and population forecasts

AREA: Entire state

UPDATED: Annually

The Illinois Department of Business and Economic Development lists the population of communities of more than 10,000 residents, counties, and 16 multi-county regions of the state. Populations are listed for the current year along with data from 1950, 1960, 1970, and 1980 projected. Components of population change between 1960 and 1970 due to births, deaths and migration are listed by county and region. The data is obtained from the U.S. Census Bureau and the Division of Vital Statistics of the Illinois Department of Public Health. Projections are made by the Department of Business and Economic Development. The data is published by the Department in the annual "Illinois Regional Economic Data Book". A map showing the boundaries of the regions is included in the book, which is distributed by the Department.

CONTACT:

Division of Research and Development
Department of Business and Economic Development
222 South College
Springfield, IL 62706
Phone (217) 525-7138

PERSONAL

Population forecasts

AREA: Chicago SMSA (counties of Cook, DuPage, Kane, Lake, McHenry, and Will)

UPDATED: Every five years, revised annually

Projections of population, employment (at work site) by SIC category, and land use acreage are available for six northeastern Illinois counties. These 10 year forecasts are made by the Northeastern Illinois Planning Commission for each survey township and section outside the city of Chicago; totals are given for Chicago. More general information is contained in Planning Paper #10 "Population, Employment, and Land Use Forecasts".

CONTACT:

Northeastern Illinois Planning Commission
Research Office
400 W. Madison
Chicago, IL 60606
Phone (312) 263-1266

PERSONAL

Population density

AREA: City of Chicago

UPDATED: Once, 1961

The Chicago Department of City Planning has prepared maps at the scale of 1" = 1 mile showing the total population of the city of Chicago by 1950 census blocks. Statistics for the years 1900-1960 are presented for ten-year intervals. Statistics prior to 1960 have been apportioned on the basis of 1950 census block boundaries. Streets running along survey section lines are shown and the population of each square mile is indicated.

CONTACT:

Chicago Department of City Planning
Research Division
Room 1000, City Hall
Chicago, IL 60602
Phone (312) 744-7220

PERSONAL

Population estimates

AREA: Entire state

UPDATED: Monthly since statehood

These are official estimates of the population of Illinois by county and incorporated township (and by highway district in some areas). The population base is estimated once each year using a complex set of techniques which use both State and Bureau of the Census data as input. The estimates are then increased each month by the number of recorded births and debited by the number of recorded deaths. Migration is estimated yearly, chiefly from school enrollment data. The estimates have been made in this manner since 1950. Earlier records go back to statehood. These are the official estimates used by state agencies as the basis for all per capita statistics. The population estimates are published yearly in the publication "Vital Statistics Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone (217) 535-2641

PERSONAL

Black population

AREA: City of Chicago

UPDATED: Every 10 years since 1950

A map is available which characterizes percent black population in each census tract and community area within the City of Chicago. The maps, at a scale of 1:10000, are produced by the Chicago Department of City Planning.

CONTACT:

Chicago Department of City Planning
Research Division, Room 1000, City Hall
Chicago, IL 60602
Phone (312) 744-7220

PERSONAL

Population characteristics

AREA: Entire state

UPDATED: 1971

The Annual Poverty Report of the Governor's Office on Human Resources contains several tables showing population characteristics of all Illinois counties. The following information is presented for each county: total 1970 and 1980 population and population changes, urban and rural population and number and percentage of population under 18 and 65 and over.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

PERSONAL

Population characteristics

AREA: Chicago metropolitan area

UPDATED: Every 10 years since 1950

The Chicago Community Inventory at the University of Chicago compiles a variety of information on local communities within the Chicago metropolitan area. Seventy-five communities are listed and census data is used to characterize the areas. Additional information provided by the Illinois Department of Public Health, the National Office of Vital Statistics, and various city agencies is also included. The inventory "Local Community Fact Book" includes data on net migration, births, deaths, unemployment, public assistance, number of mental patients, and juvenile delinquency rates in each community area.

CONTACT:

Mr. Phillip M. Hauser, Director
Chicago Community Inventory
University of Chicago
1413 E. 60th Street
Chicago, IL 60637
Phone (312) 753-2571

PERSONAL

Vital statistics

AREA: Entire state

UPDATED: 1971

The 1971 Annual Report of the Governor's Office of Human Resources contains several tables of vital statistics for each county for the year 1969. Information includes total live births, live birth rate, total infant deaths, and infant death rate. The data is presented by race.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

PERSONAL

Births

AREA: Entire state

UPDATED: Continuously since statehood

Birth certificates are received from local health departments and the information is keyed onto computer tape as the certificates are received by the Illinois Department of Public Health. This file serves as the basis for the monthly birth certificate summaries, which list the number of births for each county and incorporated township. This information is also used to prepare the monthly population estimates. Annual totals are published in "Vital Statistics for Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone(217)525-2641

PERSONAL

Deaths

AREA: Entire state

UPDATED: Continuously since statehood

Death certificates are received from local health departments and the information is keyed onto computer tape as the certificates are received by the Illinois Department of Public Health. This file serves as the basis for the monthly death certificate summary, which lists the number of deaths for each county and incorporated township. This information is also used to prepare the monthly population estimates. Annual totals are published in "Vital Statistics for Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone(217)525-2641

PERSONAL

Fetal deaths

AREA: Entire state

UPDATED: Continuously since statehood

All information on the Illinois certificates of fetal death, obtained from local health departments, is keyed onto computer tape in the order the certificates are received. From this information monthly fetal death summaries are tabulated. These summaries list the number of fetal deaths recorded in each county and incorporated township. Annual totals are published in "Vital Statistics for Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone(217)525-2641

PERSONAL

Marriages

AREA: Entire state

UPDATED: Continuously since statehood

Illinois marriage certificates are received by the Illinois Department of Public Health from local county clerks. All information on each certificate is keyed onto computer tape in the order the certificates are received. This file serves as an input to the monthly marriage certificate summaries which list the number of marriages for each county and incorporated township. Annual totals are published in "Vital Statistics for Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone(217)525-2641

PERSONAL

Divorces

AREA: Entire state

UPDATED: Continuously since statehood

Illinois certificates of divorce are received by the Illinois Department of Public Health from county clerks throughout the state. All information on each certificate is keyed onto computer tape in the order in which the certificates are received. This information serves as an input to the monthly divorce summaries, which list the number of divorces in each county and incorporated township. Annual totals are published in "Vital Statistics for Illinois".

CONTACT:

Mr. Clyde Bridger, Chief Statistician
Department of Public Health
535 West Jefferson
Springfield, IL 62706
Phone(217)525-2641

PERSONAL

Public health

AREA: Entire state

UPDATED: Continuously

The Illinois Department of Public Health is presently implementing an electronic data processing system called the Total Health Information System (THIS). As of December, 1971, the system contained information on hospitals and clinical laboratories, swimming pools, inspection of all installations having radioactive materials or machines, morbidity and investigation of venereal disease cases, inspection of dairy farms and milk processing plants, and statistical information concerning cases of poisoning in children. Locational information on all this data consists of mailing addresses. Current plans provide including most statistics of the Department of Public Health in this system.

CONTACT:

Mr. Tom Stukey
Department of Public Health
Bureau of Data Processing
535 West Jefferson
Springfield, IL 63706
Phone(217)525-7703

PERSONAL

Mental health inpatients

AREA: Entire state
UPDATED: Twice monthly

The Illinois Department of Mental Health maintains a file on the movement of inpatients passing into and out of treatment facilities. Records are maintained by patient ID number and arranged by treatment facility. A supplement to this file contains information on retarded inpatients. This is a computer file having variable length field formats. Access to information on this file is restricted.

CONTACT:
Mr. Robert Williams
Department of Mental Health
Division of Information Systems
State Office Building
Springfield, IL 62706
Phone (217)525-6412

PERSONAL

Mental health outpatients

AREA: Entire state
UPDATED: Monthly

The Department of Mental Health maintains a file of information on each individual outpatient case, one record for each episode of treatment. The information is maintained by zones which are multi-county areas designated by the Department of Mental Health. Each zone is broken down into sub-zones and each sub-zone has a facility. The information on this file is listed by facility and by patient ID number. The ID number stays the same within a particular treatment facility. Among the data recorded are the number of services received during each episode and the number of services received per month by each patient. This information is aggregated and published by facility and zone on a monthly basis. In addition, a quarterly publication entitled "Mental Health Statistics for Illinois" is also produced by the Division of Information Systems. For planning purposes, this division also maintains a list of mentally retarded infants.

CONTACT:
Mr. Robert Williams
Department of Mental Health
Division of Information Systems
State Office Building
Springfield, IL 62706
Phone (217)525-6412

PERSONAL

Public Aid Recipients

AREA: Entire state
 UPDATED: Monthly

A file is maintained on all families receiving public aid in Illinois. The file contains housing information and family demographic data for 200,000 families covering 900,000 individuals. The data is arranged by county, with Chicago divided into 30 districts. The information is used by the United States Department of Health, Education and Welfare to plan location of new facilities and by school districts within the state to locate ADC children for whom they receive financial reimbursement. The Department of Public Aid publishes a monthly report entitled "Public Aid in Illinois". This monthly exhibit containing research and expository articles can be obtained by writing Mr. George Stanton, Public Information, Department of Public Aid, 618 East Washington Street, Springfield, IL 62706.

CONTACT:
 Mr. Tom DeLay
 Division of Methods and Data Services
 Department of Public Aid
 203 State Office Building
 Springfield, IL 62706
 Phone (217)525-2742

PERSONAL

Educational enrollment

AREA: Entire state
 UPDATED: Annually since 1832

The Office of the Superintendent of Public Instruction maintains files (some on computer tape) containing the number of teachers in each county, a list of school districts by county, elementary and high schools by county, and the names of the superintendents of educational service regions. Information of the number of teachers and enrollment is presented for each grade and broken down by public schools, private and parochial schools, and universities and colleges. A printout of the computer tape is sent to each school district and the county superintendents update the information. The summary information is presented in the "Directory of Illinois Schools 1970-71", which can be obtained from the Superintendent of Public Instruction, 302 State Office Building, Springfield, IL 62706. Phone (217)525-7214.

CONTACT:
 Office of the Superintendent of Public Instruction
 Publications Department
 325 S. 5th Street
 Springfield, IL 62701
 Phone (217)525-6842

PERSONAL

High school dropouts

AREA: Entire state

UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains two tables of information on high school dropouts for each county in the state. One table presents the number and percentage of high school dropouts for 1965-66 through 1968-69; another shows the yearly number of high school dropouts for the entering class of 1965-66. Further information and copies of these tables can be obtained from the Governor's Office on Human Resources.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

PERSONAL

Crime statistics

AREA: Entire state

UPDATED: Annually since 1941

These statistics are compiled by the Department of Law Enforcement on the basis of data obtained from Illinois Law Enforcement agencies via the Uniform Crime Reporting System which is administered by the Bureau of Identification. Data on seven categories of crime is presented: murder, robbery, rape, aggravated assault, burglary, auto theft, and larceny over \$50. This data is presented for each county and for each of the 22 multicounty planning regions in the state. The data is presented in the publication "Crime in Illinois 1970" which is available from the Department of Law Enforcement. Included in this report is an 8 1/2" x 11" map of the state showing the boundaries of the planning regions. Access to the data which is used in preparing this report is subject to some statutory restrictions.

CONTACT:

Department of Law Enforcement
201 Armory
Springfield, IL 62706
Phone (217) 525-6963

PERSONAL

Discharge and parole
statistics

AREA: Entire state

UPDATED: Monthly since 1962

The Illinois Department of Corrections maintains a file containing statistical summaries on the population discharged and paroled from state penal institutions. Included on the file are inmate names, county in which the crime was committed, sentence, and date of discharge. Access to this is restricted to authorized personnel. Further information on this file and accessibility restrictions can be obtained from the Illinois Department of Corrections.

Illinois Department of Corrections
Division of Research
201 Armory Building
Springfield, IL 62706
Phone (217) 525-7273

PERSONAL

Income

AREA: Entire state

UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains a tabular presentation entitled, "Percentage Households by Cash Income Groups for Illinois Counties, 1971". Further information and copies of this table can be obtained from the Governor's Office on Human Resources.

CONTACT:
Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

PERSONAL

Total personal income

AREA: Entire state
UPDATED: Annually

Information on total personal income and its components is available for each of 16 multi-county regions in the state. It is compiled from the county and SMSA data of the U.S. Department of Commerce Office of Business and Economics by the Illinois Department of Business and Economic Development. This information and a map showing boundaries of the 16 regions are included in the "Illinois Regional Economic Data Book" along with data on total earnings by industrial sector (14 sectors) including farm earnings, private non-farm earnings, and government earnings.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone(217)525-7138

PERSONAL

Personal income 1950-65

AREA: Entire state
UPDATED: Once, 1965

The Survey Research Laboratory at the University of Illinois maintains a computer card file of personal income statistics for each Illinois county during the years 1950-1965. Projections for 1970-2020 at ten-year intervals are also included. Components of personal income presented include property income, proprietors' income, wage and salary income, and minor sources of income. The county population, total personal income, and per capita income are also presented. The statistics are based on data from the U.S. Department of Commerce, Bureau of the Census.

CONTACT:
Survey Research Laboratory
University of Illinois
Urbana, IL 61801
Phone(217)333-6572

PERSONAL

Personal income
and labor force

AREA: Entire state

UPDATED: Selected years, 1929-1969

The Office of Business Economics of the U.S. Department of Commerce has compiled information on the personal income and labor force in each county and SMSA. The data includes: OBE estimates of personal income since 1957, farm income, projections of population, employment, migration statistics, personal income and earnings by industrial source, work force. Economic and demographic characteristics of the labor force, which include age, race, sex, industry, and wage level data, are available at the state level and for some sub-state regions. These characteristics are based on a one percent statistical sample of the labor force obtained from the Social Security Administration. All the above information is available on computer tape from the Office of Business Economics and has been obtained for the State of Illinois by the Management Information Division, Department of Finance.

CONTACT:

Mr. J. McGaha
Department of Finance
Management Information Division
604 State Office Building
Springfield, IL 62706
Phone (217) 525-3405

PERSONAL

Wages

AREA: Entire state

UPDATED: Quarterly

The Illinois Department of Labor maintains a comprehensive computer file on all employers in the state. The file is a mass listing in county sequence containing the quarterly taxable wage and total wage figures for each employer. The employers are located by county and municipality and classified by SIC code. The information on this file is confidential and access is restricted to authorized personnel.

CONTACT:

Department of Labor
Bureau of Employment Security
Research and Statistics Section
165 North Canal Street
Chicago, IL 60606
Phone (312) 793-4500

PERSONAL

Employment/Unemployment

AREA: Entire state

UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains a table indicating the number of employees in selected occupations for each county in 1969 and 1970. A map of the 42 labor areas in the state is included along with data on average civilian work force and average unemployment rates in each labor area. Further information and copies of these tables can be obtained from the Governor's Office on Human Resources.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

PERSONAL

Employment and wages

AREA: Entire state

UPDATED: Annually

The Illinois Department of Business and Economic Development compiles selected employment and wage information for 16 multi-county regions in the state. Information on employment (March) and average monthly wage (January-March) is given for 6 types of industries in the annual publication "Illinois Regional Economic Data Book". The data is compiled from "Employment and Annual Payrolls of Firms Covered by the Illinois Unemployment Compensation Act by Industry and County", by the Illinois Department of Labor, Bureau of Employment Security. A map showing boundaries of the 16 regions is included in the Data Book.

CONTACT:

Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

PERSONAL

Employment forecasts

AREA: Chicago SMSA(counties of Cook, DuPage,
Kane, Lake, McHenry, and Will)

UPDATED: Every five years, revised annually

Projections of population, employment (at work site) by SIC category, and land use acreage are available for six northeastern Illinois counties. These 10 year forecasts are made by the Northeastern Illinois Planning Commission for each survey township and section outside the city of Chicago; totals are given for Chicago. More general information is contained in Planning Paper #10 "Population, Employment, and Land Use Forecasts".

CONTACT:
Northeastern Illinois Planning Commission
Research Office
400 West Madison
Chicago, IL 60606
Phone(312)263-1266

PERSONAL

Labor statistics

AREA: Selected areas throughout the state

UPDATED: Annually since 1966

The Bureau of Employment Security of the Illinois Department of Labor maintains statistics on the 42 labor areas in the state. Unemployment rates, trends in population and labor force, and indices of labor force changes are among the statistics published. A map showing boundaries of the 42 acres is included.

CONTACT:
Illinois Department of Labor
Bureau of Employment Security
Research and Statistics Section
165 N. Canal Street
Chicago, IL 60606
Phone (312)793-4440

PERSONAL

Labor statistics

AREA: Chicago SMSA(counties of Cook, DuPage, Kane, Lake, McHenry, and Will)

UPDATED: Continuously

The Bureau of Labor Statistics of the U. S. Department of Labor publishes monthly, quarterly, and annual reports of the employment, unemployment, cost of living index, and economic outlook for the Chicago SMSA. All data is acquired through regular surveys. Information on sampling techniques, projection and estimation methods, and other information about Bureau of Labor Statistics programs is contained in the "BLS Handbook of Methods for Surveys and Studies," (BLS Bulletin No.1458). Copies of this handbook can be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

Mr. Suhail al Chaiabi
Northeastern Illinois Planning Commission
400 West Madison, Room 2500
Chicago, IL 60606
Phone(312)263-1266

PERSONAL

Industrial employment

AREA: Standard metropolitan statistical areas

UPDATED: Annually

The Illinois State Employment Service conducts an annual survey of all industries classified in the Standard Industrial Classification system. From this survey, monthly estimates of employment, earnings, and hours are made for all SMSA's and for the state as a whole. This information is listed for each type of industry up to three digits in the SIC classification except where disclosure problems are encountered. Information obtained from these Annual Employment Surveys is available on computer tape to authorized agencies. In addition to the "Illinois State Annual Employment Survey", monthly and bi-monthly reports are also published.

CONTACT:

Illinois Department of Labor
Bureau of Employment Security
Research and Statistics Division
165 North Canal Street
Chicago, IL 60606
Phone (312)793-4504

PERSONAL

Farmers

AREA: Entire state

UPDATED: Every 5 years since 1920

The Census of Agriculture, taken every 5 years by the U.S. Department of Commerce Bureau of the Census, contains statistics on age, economic class, and other selected characteristics of persons living on farms. The data is aggregated to the county level and published in "U.S. Census of Agriculture, Statistics for the State and Counties, Illinois". Copies of this publication can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

PERSONAL

Firearm owners

AREA: Entire state

UPDATED: Every five years since 1968

A list of all individuals in the state who are qualified to handle firearms under the Firearm Owners Identification Act of 1968 is maintained by the Firearm Owners Identification Division of the Department of Law Enforcement. From addresses given on the application forms, a list of license holders in each county will be prepared in early 1972. Access to other information on the application forms which is used to determine an applicant's qualifications is restricted by statute.

CONTACT:

Mr. Mario Costa
Illinois Department of Law Enforcement
Firearm Owners Identification
1035 Outer Park Road
Springfield, IL 62704
Phone (217) 525-7980

PERSONAL

Pilots

AREA: Entire state
UPDATED: Continuously

A list of all pilots registered in Illinois is maintained by the Illinois Department of Aeronautics for Civil Defense purposes. This addressograph file contains the mailing addresses of all pilots and is arranged by municipality within county. This list of approximately 14,000 names is primarily for internal use but is sometimes sold for mailing list purposes. The total number of pilots in each county is published in the Department's annual report. This file is used by the Department to disseminate information to pilots; the totals are used in airport planning.

CONTACT:
Division of Pilot and Aircraft Services
Department of Aeronautics
Capitol Airport
Springfield, IL 62705
Phone(217)525-2885

PERSONAL

Motor vehicle operators

AREA: Entire state
UPDATED: Continuously

A file containing the names of all registered motor vehicle operators in Illinois is maintained by the Office of the Secretary of State. The file contains all data on the drivers license application forms. In addition, information about each driver's record (accidents, etc.) is included.

CONTACT:
Mr. Noel Sexton
Room 508, Centennial Building
Information Services Division
Secretary of State's Office
Springfield, IL 62706
Phone(217)525-2720

PERSONAL

Motorboat owners

AREA: Entire state
UPDATED: Annually

The Illinois Department of Conservation maintains a file containing the names and addresses of persons registering motorboats and the registration number of the boat. The information on the registration forms, including the county of residence, is punched onto computer cards. Additional information as to the size of boat and horsepower is also recorded. The licenses are valid for two years, but every January a new list of boat registrations for each county is prepared.

CONTACT:
Department of Conservation
Division of Boat Registration and Safety
325 West Adams, Room 5
Springfield, IL 62706
Phone(217)525-2837

PERSONAL

Hunters, fishermen

AREA: Entire state
UPDATED: Annually

The Illinois Department of Conservation keeps records of the number of fishing and hunting licenses sold in each county. Although information on the license indicates the purchaser's county of residence, this information is not returned to the Department of Conservation. Therefore, the data does not indicate the number of hunters and fishermen in each county, but only the license sales by county.

CONTACT:
Department of Conservation
Accounting Division
State Office Building
Springfield, IL 62706
Phone(217)525-6232

AREA ECONOMIC DATA

Elements of the
economic base

AREA: Entire state
UPDATED: Annually

The "Illinois Regional Economic Data Book" contains information on trends of key elements of the economic base for 16 multi-county regions in the state. The elements include basic income from agriculture, manufacturing, mining, government, tourism, and transfer payments for selected years from 1950 to the present. A map showing boundaries of the 16 regions is included. The information is compiled from various state and federal reports including county data from the U. S. Department of Commerce, Office of Business Economics.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

AREA ECONOMIC DATA

General economic data

AREA: Entire state
UPDATED: Annually

For 16 multi-county regions in the state, the Illinois Department of Business and Economic Development lists data for use by those interested in investing in a business or industrial plant in the state of Illinois. Among the types of regional data included are key economic base elements, population, personal income, manufacturing plants, water resources, employment and wages, transportation, community facilities, housing permits, and local government finance. State summaries on most of these data items are presented and some are broken down by county and by cities of 10,000 or more residents. A map showing boundaries of the 16 multi-county regions is also included. Some historical data is included for comparison, such as census data since 1950 and economic indices from earlier years. Copies of the "Illinois Regional Economic Data Book" can be obtained from the Division of Research and Development, Department of Business and Economic Development.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

AREA ECONOMIC DATA

Census of manufactures

AREA: Entire state

UPDATED: Every five years since 1963

Statistics compiled from the U.S. Department of Commerce Census of Manufactures are published in three volumes a year or two after the census year. The third volume presents data by states, counties, SMSA's and cities of 10,000 population or more. Statistics on the number of establishments, employment, payroll, employees, man-hours, wages, value added, and capital expenditures are presented. The four digit Standard Industrial Classification code is used. More current but less extensive data is presented in the "Annual Survey of Manufactures" published by the Bureau of the Census.

CONTACT:

U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone(301)735-2000

AREA ECONOMIC DATA

Illinois manufacturers directory

AREA: Entire state

UPDATED: Annually since 1912

This directory lists approximately 20,000 manufacturers in the state by Standard Industrial Classification (SIC) number. The mailing addresses of the firms are given as well as information on the number of employees and capitalization. Information on industrial plants in more than 800 cities and towns is included. However, this listing is not complete because industries voluntarily submit information for publication in this directory for advertising purposes. Further information and copies of the directory (\$65.00) can be obtained from Manufacturers News, Inc.

CONTACT:

Manufacturers News, Inc.
3 East Huron Street
Chicago, IL 60611
Phone (312) 337-1084

AREA ECONOMIC DATA

Directory of manufacturers
and industries

AREA: Entire state

UPDATED: Annually

A directory of over 31,000 industries, manufacturers, wholesalers and jobbers in Illinois is available. For each firm the mailing address, owner's name, capitalization, employment, and trade area are listed. Information on products handled is also included in a yellow-pages section which provides indexing by product type. Most of the firms listed are in Chicago and Cook County. Inside Chicago firms are listed alphabetically and by ZIP code area. A ZIP code map of Chicago is also included. For Cook County outside Chicago, and in another section covering the rest of the state, firms are listed by county or town. Copies of this "Chicago and Cook County Industrial Directory" may be purchased for \$50.00.

CONTACT:

The Chicago and Cook County Industrial Directory
220 South State Street
Chicago, IL 60604
Phone (312) 922-2889

AREA ECONOMIC DATA

Census of business

AREA: Entire state

UPDATED: Every five years since 1963

Statistics compiled by the U.S. Department of Commerce Census of Business are published in seven volumes a year of two after the census is taken. Data is presented at the state and SMSA levels. Information on the number, sales, and payrolls of wholesale and retail trade establishments is presented. Types of businesses are delineated by the four digit Standard Industrial Classification code. Finally, for every county and city with 200 or more service establishments the dollar receipts and total payroll are recorded. Copies of these publications may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

AREA ECONOMIC DATA

Total personal income

AREA: Entire state

UPDATED: Annually

Information on total personal income and its components is available for each of 16 multi-county regions in the state. It is compiled from the county and SMSA data of the U.S. Department of Commerce Office of Business and Economics by the Illinois Department of Business and Economic Development. This information and a map showing boundaries of the 16 regions are included in the "Illinois Regional Economic Data Book" along with data on total earnings by industrial sector (14 sectors) including farm earnings, private non-farm earnings, and government earnings.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

AREA ECONOMIC DATA

Employment/Unemployment

AREA: Entire state

UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains a table indicating the number of employees in selected occupations for each county in 1969 and 1970. A map of the 42 labor areas in the state is included along with data on average civilian work force and average unemployment rates in each labor area. Further information and copies of these tables can be obtained from the Governor's Office on Human Resources.

CONTACT:
Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

AREA ECONOMIC DATA

Industrial employment

AREA: Standard metropolitan statistical areas

UPDATED: Annually

The Illinois State Employment Service conducts an annual survey of all industries classified in the Standard Industrial Classification system. From this survey, monthly estimates of employment, earnings, and hours are made for all SMSA's and for the state as a whole. This information is listed for each type of industry up to three digits in the SIC classification except where disclosure problems are encountered. Information obtained from these Annual Employment Surveys is available on computer tape to authorized agencies. In addition to the "Illinois State Annual Employment Survey", monthly and bi-monthly reports are also published.

CONTACT:
Illinois Department of Labor
Bureau of Employment Security
Research Division
165 North Canal Street
Chicago, IL 60606
Phone (312) 793-4500

AREA ECONOMIC DATA

Business taxes

AREA: Entire state

UPDATED: Annually

The Illinois Department of Revenue reports receipts from the retailers' occupation and use tax and categorizes these according to kind of business. The data is compiled from returns obtained from the collectors. The information is listed by city and county in the annual "Fiscal Report" of the Department of Revenue. The report also contains information on service occupation and use taxes, motor fuel tax, cigarette tax, hotel operators' tax, private car line tax, real estate transfer tax, and coin operated amusement device tax. Copies of the "Fiscal Report" are available from the Illinois Department of Revenue.

CONTACT:
Illinois Department of Revenue
312 State Office Building
Springfield, IL 62706
Phone (217) 525-6336

AREA ECONOMIC DATA

Public finance and taxes

AREA: Entire state

UPDATED: 1968

Information on selected items of municipal finances, including per capita assessed valuation, revenue, expenditures, and debt for about 200 municipalities is published in the "Illinois Regional Economic Data Book". The data was compiled by the Department of Business and Economic Development from the "Statewide Summary of Municipal Finance in Illinois" by the Auditor of Public Accounts. Copies of the Data Book are available from the Illinois Department of Business and Economic Development, Division of Research and Development.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

AREA ECONOMIC DATA

Public finance and taxes

AREA: Chicago SMSA, (Counties of Cook, DuPage, Kane, Lake, McHenry, and Will)

UPDATED: Annually

The Northeastern Illinois Planning Commission has compiled information on tax rates, revenues, and expenditures of the taxing units of government in the six northeastern Illinois counties comprising the Chicago SMSA. The information is compiled from "Illinois Property Tax Statistics" by the Illinois Department of Local Government Affairs, from "School District Statistics" by the Superintendent of Public Instruction, and data from county assessors. It is included in the Commission's annual publication, "Suburban Factbook".

CONTACT:
Northeastern Illinois Planning Commission
400 West Madison
Room 2500
Chicago, IL 60606
Phone (312) 263-1266

AREA ECONOMIC DATA

Property tax statistics

AREA: Entire state

UPDATED: Annually

An extensive collection of property tax statistics is published for every assessment year by the Illinois Department of Local Government Affairs. From the tables included in the report, tax rate, levies, and equalized valuation of local governments can be ascertained. In addition, total amounts of taxes placed in collection for each of those units, by fund, may be obtained and the extent to which the property so taxed is real estate (lands or lots), personal property, or railroad property may be determined. Data on taxes collected, delinquent, protested, and net collections available for distribution to local taxing bodies is also presented. This report, for which the publication lag is about 2 years, can be obtained from the Illinois Department of Local Government Affairs.

CONTACT:

Department of Local Government Affairs
Office of Financial Affairs
325 West Adams Street
Springfield, IL 62706
Phone (217) 525-6956

AREA ECONOMIC DATA

Agricultural productivity

AREA: Entire state

UPDATED: Every 5 years since 1920

Statistics on the quantities and value of crops, livestock, poultry, dairy products, nursery and greenhouse products, and forest products are obtained every five years by the U.S. Department of Commerce Census of Agriculture. The information is aggregated to the county level and published in "U.S. Census of Agriculture Statistics for the State and Counties, Illinois", which can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

AREA ECONOMIC DATA

State agricultural statistics

AREA: Entire state

UPDATED: Annually since 1929

An annual publication entitled "Illinois Agricultural Statistics" by the Illinois Cooperative Crop Reporting Service contains summary information on Illinois agriculture. Some of the data is listed by county, some by multi-county crop reporting districts, and some by state totals. A map showing boundaries of crop reporting districts is included. The publication contains data on the following subjects: climate; population; number of farms and acreage; acreage, yield, value, and production of corn, soybeans, wheat, oats, barley, and rye; number, value per head, species, and sex of livestock and poultry; dairy products manufactured; farm milk production and prices; number of livestock slaughtered; wool production and income; fruit production and value; and other agriculture-related data. Some of this information is obtained from various state and federal agencies, but most of it is generated by the Illinois Cooperative Crop Reporting Service.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

AREA ECONOMIC DATA

County agricultural statistics

AREA: 51 counties

UPDATED: Once, 1958-1971

Since 1958 the Illinois Cooperative Crop Reporting Service has been producing a series of publications entitled "County Agricultural Statistics". Each report contains a county map and information on the history, soils, climate, population, types of farms, land use, tenure, cash receipts, standard of living, and transportation. In addition, inventories of crops (acreage, yield, price, value, and sales) and livestock (numbers, production, price, value, and sales) are presented. Some of the data is presented by township and some is aggregated to the county level. The data was obtained from a variety of sources including the National Weather Service, University of Illinois Department of Agronomy, Township assessors, and the Illinois Cooperative Crop Reporting Service.

CONTACT:
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

AREA ECONOMIC DATA

Agricultural product prices

AREA: Entire state

UPDATED: Monthly

A publication entitled "Prices" is prepared monthly by the Illinois Cooperative Crop Reporting Service on the basis of statistical analyses of information from crop reporters. The document contains information on prices received by farmers for crops, livestock and livestock products. In addition, price indices and parity prices are listed. A list of prices paid by farmers for certain articles is also included. The data is presented for each of the nine crop reporting districts in the state. Summary information is included in "Illinois Agricultural Statistics", published annually.

CONTACT:

Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

AREA ECONOMIC DATA

Timber prices

AREA: Entire state

UPDATED: Semi-annually since 1953

Reports indicating current prices paid to Illinois timber producers are prepared by the Illinois Cooperative Crop Reporting Service and Illinois Forestry Association. The reports include timber prices by species, custom sawing prices, and market summaries. A comparative publication entitled "Timber prices 1953-1966" is also available.

CONTACT:

Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

SERVICES AND FACILITIES

Community facilities
and services

AREA: Entire state

UPDATED: Annually

Information on educational facilities and medical and protective services is available for each county and for over 100 selected communities in the state. Educational facilities data includes: per pupil operating expense and pupil-teacher ratios for public, elementary, and secondary schools; number of private, elementary, and secondary schools; and the number and enrollment of colleges and universities. Service data includes ratios of population to hospitals, physicians, firemen, and policemen. This data is compiled by the Illinois Department of Business and Economic Development and published in the annual "Illinois Regional Economic Data Book". Source documents include "Distribution of Physicians, Hospitals, and Hospital Beds in the U.S." by the American Medical Association, and "Local Law Enforcement Officers Census, State of Illinois" by the Illinois Local Government Law Enforcement Officers Training Board, and published and unpublished materials from the Office of the Superintendent of Public Instruction.

CONTACT:
Illinois Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone(217)525-7138

SERVICES AND FACILITIES

County and City Data

AREA: Entire state

UPDATED: Approximately every five years

Based on information from the Censuses of Housing, Manufactures and Governments, approximately 160 items of statistical information are presented for each county and each city of over 25,000 population. The information covers housing, labor force, retail and wholesale trade, mineral industries, manufacturing, banking, local governments, agriculture, and population. The data is compiled by the U.S. Department of Commerce, Statistical Reports Division, Bureau of the Census, and published in "County and City Data Book (A Statistical Abstract Supplement)". Copies of this publication can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:
U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301)735-2000

SERVICES AND FACILITIES

Information for industrial siting

AREA: Entire state

UPDATED: Irregularly

The Illinois Department of Business and Economic Development maintains a computer file of information on population work force, wages, utilities, resources, tax rates, transportation, industrial parks, industrial sites, and existing industry of nearly 250 Illinois communities. These community profiles are produced by volunteer community and regional development groups with the assistance of Department personnel. The information is matched with industrial requests by the Department of Business and Economic Development.

CONTACT:

Department of Business and Economic Development
Division of Community Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-3890

SERVICES AND FACILITIES

Federally funded projects

AREA: Entire state

UPDATED: Continuously since October 1971

The Office of Planning and Analysis is the "Central A-95 Clearinghouse for Illinois". Statistics on projects funded through 102 federal programs are maintained by the Office. The information includes a description of the project, its purpose, beneficiaries, project location, sources and amounts of funds, and the name and type of applicant. This is a new program and no summary publications have yet been prepared, but instruction booklets for state agencies and local governments are available.

CONTACT:

Mr. Larry Malone
Office of Planning and Analysis
614 State Office Building
Springfield, IL 62706
Phone (217) 525-5414

SERVICES AND FACILITIES
Educational facilities

AREA: Entire state
UPDATE: Annually since 1832

The Office of Superintendent of Public Instruction maintains a file (computerized since 1962) containing the number of teachers in each county, a list of school districts by county, elementary and high schools by county, and the names of the superintendents of educational service regions. Information of the number of teachers and enrollment is presented for each grade and broken down by public schools, private and parochial schools, and universities and colleges. A printout of the computer tape is sent to each school district and the county superintendents update the information. The Summary information is presented in the "Directory of Illinois Schools 1970-71".

CONTACT:
Office of the Superintendent of Public Instruction
Publications Department
325 South 5th Street
Springfield, IL 62701
Phone (217) 525-6842

SERVICES AND FACILITIES
High school dropouts

AREA: Entire state
UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains two tables of information on high school dropouts for each county in the state. One table presents the number and percentage of high school dropouts for 1965-66 through 1968-69; another shows the yearly number of high school dropouts for the entering class of 1965-66. Further information and copies of these tables can be obtained from the Governor's Office on Human Resources.

CONTACT:
Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

SERVICES AND FACILITIES

Public health

AREA: Entire state
 UPDATED: Continuously

The Illinois Department of Public Health is presently implementing an electronic data processing system called the Total Health Information System (THIS). As of December, 1971, the system contained information on hospitals and clinical laboratories, swimming pools, inspection of all installations having radioactive materials or machines, morbidity and investigation of venereal disease cases, inspection of dairy farms and milk processing plants, and statistical information concerning cases of poisoning in children. Locational information on all this data consists of mailing addresses. Current plans provide including most statistics of the Department of Public Health in this system.

CONTACT:
 Mr. Tom Stukey
 Department of Public Health
 Bureau of Data Processing
 535 West Jefferson
 Springfield, IL 63706
 Phone(217)525-7703

SERVICES AND FACILITIES

Day care and health facilities

AREA: Entire state
 UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources contains several tables of information on day care and health facilities for each Illinois county. Information on the number and capacity of licensed day care centers and day care homes is included. In addition, the number of medical doctors, hospital beds, and nursing home beds are presented. Further information and copies of these tables can be obtained from the Governor's Office on Human Resources.

CONTACT:
 Governor's Office on Human Resources
 525 West Jefferson, Suite 215
 Springfield, IL 62706
 Phone (217)525-2950

SERVICES AND FACILITIES

Mental health

AREA: Entire state

UPDATED: 1971

The 1971 Annual Poverty Report of the Governor's Office on Human Resources contains a table showing admissions to inpatient mental health and mental retardation facilities, state operated outpatient clinics, and state aided outpatient clinics. This data is presented for each Illinois county for FY 1970. Further information and copies of this table can be obtained from the Governor's Office on Human Resources.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

SERVICES AND FACILITIES

Mental health inpatients

AREA: Entire state

UPDATED: Twice monthly

The Illinois Department of Mental Health maintains a file on the movement of inpatients passing into and out of treatment facilities. Records are maintained by patient ID number and arranged by treatment facility. A supplement to this file contains information on retarded inpatients. This is a computer file having variable length field formats. Access to information on this file is restricted.

CONTACT:

Mr. Robert Williams
Division of Information Systems
State Office Building
Springfield, IL 62706
Phone (217) 525-6412

SERVICES AND FACILITIES

Mental health outpatients

AREA: Entire state

UPDATED: Monthly

The Department of Mental Health maintains a file of information on each individual outpatient case, one record for each episode of treatment. The information is maintained by zones which are multi-county areas designated by the Department of Mental Health. Each zone is broken down into sub-zones and each sub-zone has a facility. The information on this file is listed by facility and by patient ID number. The ID number stays the same within a particular treatment facility. Among the data recorded are the number of services received during each episode and the number of services received per month by each patient. This information is aggregated and published by facility and zone on a monthly basis. In addition, a quarterly publication entitled "Mental Health Statistics for Illinois" is also produced by the Division of Information Systems. For planning purposes, this division also maintains a list of mentally retarded infants.

CONTACT:

Mr. Robert Williams
Division of Information Systems
State Office Building
Springfield, IL 62706
Phone (217)525-6412

SERVICES AND FACILITIES

Public Aid

AREA: Entire state

UPDATED: 1971

The first annual report of the Governor's Office on Human Resources contains several tables of public aid information for each Illinois county. The amount of assistance and the number of persons receiving public aid in each county for all five programs is included. The five programs are General Assistance, Aid to Dependent Children, Disability Assistance, Old Age Assistance, and Blind Assistance. Figures for June 1970 and June 1971 are compared. There is also a table ranking the counties according to the percentage of the population receiving public aid benefits.

CONTACT:

Governor's Office on Human Resources
525 West Jefferson, Suite 215
Springfield, IL 62706
Phone (217)525-2590

SERVICES AND FACILITIES

Public aid recipients

AREA: Entire state

UPDATED: Monthly

A file is maintained on all families receiving public aid in Illinois. The file contains housing information and family demographic data for 200,000 families covering 900,000 individuals. The data is arranged by county, with Chicago divided into 30 districts. The information is used by the United States Department of Health, Education and Welfare to plan location of new facilities and by school districts within the state to locate ADC children for whom they receive financial reimbursement. The Department of Public Aid publishes a monthly report entitled "Public Aid in Illinois". This monthly exhibit containing research and expository articles can be obtained by writing Mr. George Stanton, Public Information, Department of Public Aid, 618 East Washington Street, Springfield, IL 62706.

CONTACT:

Mr. Tom DeLay
Division of Methods and Data Services
Department of Public Aid
203 State Office Building
Springfield, IL 62706
Phone (217) 525-2742

SERVICES AND FACILITIES

Correctional facility statistics

AREA: Entire state

UPDATED: Annually

Extensive statistics are maintained by the Illinois Department of Corrections. Most of the data is institution-oriented, such as recidivism rates, populations, total admissions, etc. for each state correctional institution. Information on offenses leading to commitments is obtained from the courts in each county by the regional offices of the Department of Corrections. Accessibility to individual inmate files is restricted, but summary information is published in the annual reports of the Department of Corrections. Copies of these reports and information regarding accessibility of more detailed data can be obtained from the Department of Corrections.

CONTACT:

Illinois Department of Corrections
Division of Research
201 Armory Building
Springfield, IL 62706
Phone (217) 525-6963

SERVICES AND FACILITIES

Inmate files

AREA: Entire state

UPDATED: Monthly since 1970

The Illinois Department of Corrections maintains a file which contains the following information on inmates of state correctional institutions: name, date of admission, ID number, crime committed, sentence, and name of the county in which the crime was committed. This is a computer file and access is limited to authorized personnel only. A similar file listing adult admissions from each court in the state has been maintained for each year since 1968. Further information on these files and accessibility restrictions can be obtained from the Illinois Department of Corrections.

CONTACT:

Illinois Department of Corrections
Division of Research
201 Armory Building
Springfield, IL 62706
Phone (217) 525-6963

SERVICES AND FACILITIES

Discharge and parole statistics

AREA: Entire state

UPDATED: Monthly since 1968

The Illinois Department of Corrections maintains a file containing statistical summaries on the population discharged and paroled from state penal institutions. Included on the file are inmate names, county in which the crime was committed, sentence, and date of discharge. Access to this is restricted to authorized personnel. Further information on this file and accessibility restrictions can be obtained from the Illinois Department of Corrections.

CONTACT:

Illinois Department of Corrections
Division of Research
201 Armory Building
Springfield, IL 62706
Phone (217) 525-7273

SERVICES AND FACILITIES
Census of Housing

AREA: Entire state
UPDATED: Every 10 years

The Illinois Housing Development Authority has copies of computer printouts from the first count summary tapes of the 1970 Census of Housing. Printouts are available for the following geographical areas: the state of Illinois, an aggregation of all 19 counties which are parts of SMSA's, an aggregation of all 83 counties which are not part of SMSA's, each individual SMSA, each individual county, and each place with more than 10,000 inhabitants. Information on occupied housing units, vacant housing units and rates, occupied deficient units, plumbing deficiencies, and overcrowding are presented.

CONTACT:
Illinois Housing Development Authority
201 North Wells
Chicago IL 60606
Phone (312) 793-2060

SERVICES AND FACILITIES
Housing statistics

AREA: Entire state
UPDATED: 1971

The 1971 Annual Report of the Governor's Office on Human Resources includes the following information for each Illinois county: median value and contract rent, plumbing facilities, and number of persons per room for all occupied housing units. This data is presented in tabular form and can be obtained from the Governor's Office on Human Resources.

CONTACT:
Governor's Office on Human Resources
525 West Springfield, Suite 215
Springfield, IL 62706
Phone (217) 525-2950

SERVICES AND FACILITIES

Housing statistics

AREA: Entire state

UPDATED: Every 10 years

The 1970 census statistics on selected housing characteristics are now available for Illinois. Information on the number, size, facilities, ownership and value is available for each county and city. Some of the data has been published by the U.S. Census Bureau in the 1970 Census of Housing advanced report for Illinois, HC(VI)-15, "General Housing Characteristics", February, 1971. This report can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402. More detailed information is available on magnetic tape from the U.S. Census Bureau.

CONTACT:

Mr. Frank Anderson
Office of Planning and Analysis
614 State Office Building
Springfield, IL 62706
Phone (217)525-5414

SERVICES AND FACILITIES

F.W. Dodge Co. Statistics

AREA: Entire state

UPDATED: Continuously

The F.W. Dodge Company, a division of McGraw-Hill, provides detailed construction reports to subscribers in various areas. The detailed construction reports are a project by project listing of the type, size, and value of the project and information on subcontracts. Based on information gathered for this service, the Dodge Company also publishes quarterly, monthly, and weekly reports containing summary information on construction at the State, County, and Regional levels. The reports can be ordered from the F.W. Dodge Company, 230 West Monroe, Chicago, IL 60606. The Office of Planning and Analysis has examined typical reports and compared them to the Census Bureau "Construction Reports".

CONTACT:

Mr. Frank Anderson
Office of Planning and Analysis
614 State Office Building
Springfield, IL 62706
Phone (217)525-5414

SERVICES AND FACILITIES

Mobile Homes

AREA: Entire state

UPDATED: Annually since 1965

Statewide totals of mobile home shipments to dealers to Illinois have been published annually by the Mobile Home Manufacturers Association since 1965. Prior to 1965, these statistics were published by the Whirlpool Corporation of Benton Harbor, Michigan. Copies of the recent annual statistics may be obtained from the Mobile Home Manufacturers Association, 6650 N. Northwest Highway, Chicago, IL 60631. The Office of Planning and Analysis has obtained some of this information.

CONTACT:

Mr. Frank Anderson
Office of Planning and Analysis
614 State Office Building
Springfield, IL 62706
Phone (217) 525-5414

SERVICES AND FACILITIES

Community transportation facilities

AREA: Entire state

UPDATED: Annually

The Illinois Department of Business and Economic Development compiles information on commercial airports, railroads, and existing and proposed interstate highways. This information is available for over 100 selected Illinois communities and is published annually in the "Illinois Regional Economic Data Book". Information and copies of the Data Book are available from the Department of Business and Economic Development.

CONTACT:

Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

SERVICES AND FACILITIES

State highway map

AREA: Entire state

UPDATED: Annually

This map, at a scale of 1" = 12 miles, shows considerably more information than highway location and pavement types. It includes cultural information such as city boundaries and population, points of interest, airports, railroads, rivers, and recreation areas. Mileage between major route intersections and access points to controlled access highways are shown. On the back of the map are larger scale maps of congested areas. Similar maps are also produced by oil companies but most of these contain less cultural information and have a smaller scale. Copies of this map can be obtained at no charge from the Department of Public Works and Buildings.

CONTACT:

Department of Public Works and Buildings
Division of Highways
Highway Administration Building
Springfield, IL 62706
Phone (217) 525-2151

SERVICES AND FACILITIES

Census of transportation

AREA: Entire state

UPDATED: Approximately every 5 years since 1963

The U.S. Department of Commerce Bureau of the Census has published the results of the 1967 Census of Transportation in four volumes. Passenger transportation statistics show frequencies of out-of-town and home-to-work travel. Trip statistics are then compared with demographic variables. The second volume includes data on trucks and their use. The commodity transportation survey contains data by commodity group, shipper group, and production areas. Finally, the motor carrier survey presents data on private truck and bus lines serving the public. Copies of these publications can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

CONTACT:

U.S. Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

SERVICES AND FACILITIES

Highway inventory file

AREA: Entire state
UPDATED: Annually

A computer file containing detailed information on 129,000 miles of highways outside urban areas is maintained by the Illinois Division of Highways. The file includes data on road surface, right-of-way width, structures, inter-sections, railway crossings, access entrances, shoulder conditions, etc. The information is geographically referenced by road-mile. All data refers to a particular road segment or mile point. The file is used for planning analyses and internal report generation.

CONTACT:
Mr. Ronald Knox
Engineer of Traffic Study
Department of Public Works and Buildings
Division of Highways
2300 South 31st Street
Springfield, IL 62706
Phone (217) 525-2057

SERVICES AND FACILITIES

Freeway system

AREA: Entire state except Chicago area
UPDATED: Once, 1970

A 5" by 7" map showing proposed freeway and interstate highway corridors is included in the "Illinois Regional Economic Department of Business and Economic Development. The proposed network was suggested by the Illinois Highway Study Commission in their report "Illinois Complete Highway Plan, 1970-1990".

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

SERVICES AND FACILITIES

Tollways

AREA: Northern part of the state
 UPDATED: Annually

A series of 13 maps is available and contains detailed information about Illinois tollways. Locations of the tollways and Chicago expressways, connecting highways, toll plazas, ramp traffic, through traffic, and toll charges are shown on the maps. Connecting highways and adjoining towns are also noted. These maps are produced by the Illinois State Toll Highway Commission at a scale of 1" = 7 miles.

CONTACT:
 Illinois State Toll Highway Commission
 Oak Brook, IL 60521
 Phone (312) 654-2200

SERVICES AND FACILITIES

Highway construction

AREA: Entire state
 UPDATED: Monthly

Thematic maps are produced by the Illinois Division of Highways at a scale of 1" = 12 miles. These maps show the status of federal aid interstate highway construction in the state. Information as to completion date, percent of mileage completed, to be completed, engineered, etc., is also shown.

CONTACT:
 Department of Public Works and Buildings
 Division of Highways
 Bureau of Planning
 Highway Administration Building
 Springfield, IL 62706
 Phone (217) 525-2151

SERVICES AND FACILITIES

State highway traffic volume

AREA: Entire state

UPDATED: Annually

The Illinois Division of Highways prepares an annual series of maps showing traffic volumes on the major state highways. There are three maps at the scale of 1"= approximately 14 miles showing average daily total traffic, average daily commercial traffic, and average daily semi-trailer truck traffic. The data is compiled by the Illinois Division of Highways in cooperation with the U.S. Department of Transportation. Copies of these maps are available from the Division of Highways for \$.85 each.

CONTACT:

Department of Public Works and Buildings
Division of Highways
Bureau of Planning
Highway Administration Building
Springfield, IL 62706
Phone (217) 525-2151

SERVICES AND FACILITIES

County highway maps

AREA: All Illinois counties

UPDATED: Annually

A series of county highway maps at a scale of 1"= 1 mile is produced by the Illinois Division of Highways. The maps show the location of roads, bridges, and other structures. Airports, railroads, cities and villages, and other cultural features are also shown. Highway information is updated annually and the remaining data at irregular intervals. Copies of the maps are available for \$.50 each from the Division of Highways.

CONTACT:

Department of Public Works and Buildings
Division of Highways
2300 South 31st Street
Springfield, IL 62706
Phone (217) 525-2151

SERVICES AND FACILITIES

County highway traffic volume

AREA: Entire state

UPDATED: Every five years

The Illinois Division of Highways produces a series of county highway maps showing traffic volume on all county and state roads. Twenty maps are produced each year, resulting in an update frequency of approximately once every five years. The maps are printed at a scale of 1"= 2 miles. For Cook County, maps at the scale 3/4"= 1 mile were produced annually until 1969. Now this map is being revised every two years. Besides the road network and traffic volume, the maps show state, county, and civil township boundaries, national forest boundaries, strip mines, airports, forest preserves, parks, and military reservations. Other features such as railroads, stream networks, farm units, and schools are also shown. The maps are produced in cooperation with the U. S. Department of Transportation, Federal Highway Administration. Copies of these maps are available from the Division of Highways for \$.40 each.

CONTACT:

Department of Public Works and Buildings
Division of Highways
Bureau of Planning
Springfield, IL 62706
Phone (217) 525-2151

SERVICES AND FACILITIES

Motor vehicles

AREA: Entire state

UPDATED: Continuously

The Office of the Illinois Secretary of State maintains a computer file of all motor vehicles registered in the state. The file includes all information on the registration forms including the township and mailing address of the registrant. The file is purged annually when new license plates are issued.

CONTACT:

Mr. Noel Sexton
Room 508, Centennial Building
Information Services Division
Secretary of State's Office
Springfield, IL 62706
Phone (217) 525-2720

SERVICES AND FACILITIES

Aircraft

AREA: Entire state

UPDATED: Continuously

The Illinois Department of Aeronautics maintains a list of all aircraft registered in the state. The list contains the name of aircraft owner, aircraft registration number, make, model, capacity, and the name of the airport where the aircraft is based. Data is collected through the registration of aircraft airworthiness certificates. The list is arranged by municipality within county and contains the mailing addresses of aircraft owners. The law requires that the list be maintained for Civil Defense utilization. It is also used by the Department of Aeronautics in estimating traffic density at proposed airport locations.

CONTACT:

Division of Pilot and Aircraft Services
Illinois Department of Aeronautics
Capitol Airport
Springfield, IL 62705
Phone (217) 525-2885

SERVICES AND FACILITIES

Airport information

AREA: Entire state

UPDATED: Annually

Each airport operator in the state submits a 5010-1 form to the Federal Aviation Agency on an annual basis. The forms contain information on the facilities available at the airport and indicate whether it is a private or public landing strip. Locational information includes latitude and longitude to the nearest second, and the name of the nearest city, and the county. A master file containing the information from these forms is maintained by the Chicago Regional Office of the Federal Aviation Agency at O'Hare Field in Chicago. The data is also kept on file at the Illinois State Department of Aeronautics. Using this information, the Department of Aeronautics publishes bi-annually an "Illinois Airport Directory". This publication contains most of the information from the 5010-1 files plus aerial photographs of all airports in Illinois that are open to the public.

CONTACT:

Department of Aeronautics
Engineering Section
Capitol Airport
Springfield, IL 62705
Phone (217) 525-2883

SERVICES AND FACILITIES

Aeronautical charts

AREA: Entire state
 UPDATED: Every two years since 1948

This map is produced primarily to aid pilots with visual air navigation in the state. The scale of the maps is 8" = 8 miles. There is a Chicago area inset at the scale of 1" = 4 miles. In addition to showing the boundaries of controlled airspace zones and radio navigational information, the following ground surface features are mapped: airports, railroads, prominent highways, 1,000 foot contour lines, prominent electrical transmission lines, cities and towns, and locations and elevations of prominent obstructions such as radio towers. This map is produced and distributed by the Department of Aeronautics.

CONTACT:
 Department of Aeronautics
 Capitol Airport
 Springfield, IL 62705
 Phone (217) 525-2880

SERVICES AND FACILITIES

Illinois waterways cruise maps

AREA: Illinois, Ohio, Mississippi and Mahash Rivers
 UPDATED: Irregularly, latest 1965

Maps showing channel mileage, locks, dams, highway bridges, boating facilities, state parks, and conservation areas, are available for the legally navigable rivers in the state. The maps, at a scale of one inch equals approximately five miles, are produced by the Illinois Department of Conservation. There is no regular updating procedure. Copies of the maps are available from the Illinois Department of Conservation.

CONTACT:
 Illinois Department of Conservation
 State Office Building
 Springfield, IL 62706
 Phone (217) 525-6302

LAND RESOURCES

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SERVICES AND FACILITIES

Navigation charts

AREA: All navigable waterways
 UPDATED: Irregularly

Navigation charts showing channels, water depth, bridges, locks and dams are available for all navigable waterways in the State. The maps for the upper Mississippi and Illinois Rivers, Great Lakes, and other Chicago area lakes are produced by the U.S. Army Corps of Engineers. The river maps have a scale of 1"-1000 feet while Great Lakes maps are available at varying scales from 1:10,000 to 1:500,000. The series of recreation maps for Chicago and vicinity consists of 24 charts covering Lake Michigan, Lake Winnebago, and the Lower Fox River. Maps of the Chain of Lakes Region are available from the Illinois Department of Public Works and Buildings, Division of Waterways, 201 W. Monroe, Springfield, IL 62706. Navigation charts for the entire State should be available from the four district offices of the Army Corps of Engineers: Rock River - Rock Island District Office; Kaskaskia River - St. Louis District Office; Wabash and Ohio Rivers - Louisville District Office, Illinois River - Chicago District Office.

CONTACT:
 Mr. Odell Sales
 Chicago District Office
 U.S. Army Corps of Engineers
 219 S. Dearborn
 Chicago, IL 60604
 Phone (312) 353-6885

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PHYSICAL CHARACTERISTICS

Soils of Illinois

AREA: Entire state
 UPDATED: August, 1970

Information on the 26 soil associations including the soil types in each and corresponding location is published in the University of Illinois College of Agriculture Bulletin #725, "Soils of Illinois". Copies of this Soil Conservation Service and Agricultural Experiment Station publication may be obtained from the Office of Publications, University of Illinois, College of Agriculture, Urbana, IL 61801.

CONTACT:

Dr. J. B. Fehrenbacher
 N-405 Turner Hall
 University of Illinois
 Urbana, IL 61801
 Phone (217) 333-3650

PHYSICAL CHARACTERISTICS

Soil productivity

AREA: Entire state
 UPDATED: Once, 1970

A recent publication of the University of Illinois College of Agriculture presents crop and forage productivity indices for all Illinois soil types at basic and high management levels. The report also includes estimated yields of crops, forage, and timber on each soil type and discusses major factors which may cause differences in crop yields. It is intended that the report be used in conjunction with the series of soil maps currently being produced. Copies of Circular #1016 "Productivity of Illinois Soils" can be ordered from the Office of Publications, University of Illinois, College of Agriculture, Urbana, IL 61801.

CONTACT:
 Dr. J. B. Fehrenbacher
 N-405 Turner Hall
 University of Illinois
 Urbana, IL 61801
 Phone (217) 333-3650

PHYSICAL CHARACTERISTICS

Soil associations- interpretations

AREA: 25 counties
 UPDATED: 1968-1971

Soil association maps at a scale of 1" = 2 miles are available for 25 counties. The maps show surface color, slope, and natural soil drainage class of the soil associations present. A detailed table showing estimated soil limitations on selected uses is presented. Estimates of average crop yields per acre are also given. Names of the counties for which these maps are available are indicated in the table below. Maps may be ordered from the Office of Publications, University of Illinois, College of Agriculture, Urbana, IL 61801.

CONTACT:
 Dr. J. B. Fehrenbacher
 N-405 Turner Hall
 University of Illinois
 Urbana, IL 61801
 Phone (217) 333-3650

PHYSICAL CHARACTERISTICS

County soil reports

AREA: 83 counties

UPDATED: 1911-1971

County soil reports, published by the University of Illinois Agricultural Experiment Station in cooperation with the Soil Conservation Service, note natural and cultural features, general soil areas in the county, description of soils, genesis and classification of soils, and interpretations of soil characteristics for specific purposes. They also include a soil map, the type of which differs with the age of the report. The 71 reports before 1933 have color coded soil survey maps at a scale of 1" = 2 miles. The next 6 maps were lithographed at 1" = 1 mile; the next four maps had a scale of 1 1/2" = 1 mile. All 13 maps since 1968 are aerial photographs at a scale of 1:200,000 with soil survey notations and section grids superimposed. Copies may be obtained from the Office of Publications, University of Illinois, College of Agriculture, Urbana, IL 61801.

CONTACT:

Dr. J. B. Fehrenbacher
N-405 Turner Hall
University of Illinois
Urbana, IL 61801
Phone (217) 333-3650

PHYSICAL CHARACTERISTICS

County soils-unpublished

AREA: 4 counties

UPDATED: Before 1933

Color coded soil maps of Crawford, Monroe, Franklin, and White counties describes soil type and location detail at a scale of 1" = 1 mile. These maps are available for use only at the University of Illinois, Agronomy Office, Turner Hall, Urbana, IL 61801.

CONTACT:

Dr. J. B. Fehrenbacher
N-405 Turner Hall
University of Illinois
Urbana, IL 61801
Phone (217) 333-3650

County	Published Ill. County Soil Report	County Soil Association Map	County	Published Ill. County Soil Report	County Association Map
Adams	1922		LaSalle	1913/1972	
Alexander	1968		Lawrence	1956	1970-71
Bond	1913		Lee	1927	1970
Boone	1939		Livingston	1923/1949	
Brown			Logan	1927	
Bureau	1921	1969	McDonough	1913	1970-71
Calhoun	1932		McHenry	1921/1965	
Carroll			McLean	1915	1969
Cass	1947		Macon	1929/1954	
Champaign	1918	1970	Macoupin	1932	
Christian	1950		Madison		1970
Clark		1970-71	Marion	1926	
Clay	1911	1970-71	Marshall	1937	
Clinton	1936		Mason		1970-71
Coles	1929	1968	Massac	1953	
Cook			Menard	1925	
Crawford		1968	Mercer		
Cumberland	1940	1970	Monroe		
Dekalb	1922		Montgomery	1969	
Dewitt	1940		Morgan	1929	
Douglas	1929/	1968	Moultrie	1911	
	1970-71		Ogle	1927	
DuPage	1917		Peoria	1921/1937	
Edgar	1917	1970	Perry		1970
Edwards	1930/		Piatt		
	1970-71		Pike	1930	
Effingham	1931	1968	Pope	1915	
Fayette	1932	1970-71	Pulaski	1968	
Ford	1933		Putnam	1937	
Franklin			Randolph	1925	
Fulton	1932		Richland	1970-71	
Gallatin	1969		Rock Island	1925	
Greene			St. Clair	1938	
Grundy	1924		Saline	1926	
Hamilton		1969	Sangamon	1912	
Hancock	1924	1970	Schuyler	1934	
Hardin	1912		Scott		
Henderson	1956		Shelby	1939	
Henry	1928		Stark	1939	
Iroquois	1922/1951		Stephenson	1970-71	
Jackson	1933		Tazewell	1916	
Jasper	1940	1970-71	Union		1969
Jefferson			Vermilion	1938	
Jersey	1966	1966	Wabash	1937/1964	
Jo Daviess			Warren	1941	
Johnson	1925/1964		Washington	1937	
Kane	1917		Wayne	1931	
Kankakee	1916/1947		White		1969
	(supplement)		Whiteside	1928	
Kendall	1952		Will	1926/1962	
Knox	1913		Williamson	1959	
Lake	1914/1970		Winnebago	1916	
			Woodford	1927	

* Soil Reports are now being prepared for Stephenson and Carroll Counties.

** Unpublished county soil maps (done before 1933) are available for Crawford, Franklin, Montgomery, and White counties.

NOTES

Older soil reports and maps, especially before 1933, should be interpreted and used in connection with new soil information as it becomes available.

County soil reports before and including 1947 are a color coded plat map type soil survey map at a scale of 1" = 2 miles.

1949 to 1956: a lithographed map at 1" = 1 mile.

1956 to 1965: a lithographed map at 1 1/2" = 1 mile.

1966 to 1971: an aerial photo background map with sections superimposed at a scale of 1:20,000.

Also note that where two publication dates appear, the older ones are out of print and the new ones have replaced them.

PHYSICAL CHARACTERISTICS

Soil and erosion characteristics

AREA: Entire state

UPDATED: Once, November, 1969

For each county, information on soil type, slope, and erosion characteristics is available. Also listed is the total area of the county (in acres) and the percent of the county having each soil type. Statewide totals are also listed. This information was obtained by the Soil Conservation Service in cooperation with the University of Illinois College of Agriculture, Agricultural Experiment Station. The county totals were inferred by statistical analysis of a 2% sample (three 160 acre tracts per township). Fieldwork was done by the Soil Conservation Service in 1967 and 1968. Raw data inputs on magnetic tape are available from the Statistical Lab at Iowa State University, Ames, Iowa. The results of the study are published in Bulletin #735 entitled "Soil Types for Illinois" which can be obtained from the Office of Publications, College of Agriculture, University of Illinois, Urbana, IL 61801.

CONTACT:

Mr. Howard Busch
State Conservationist
U.S. Department of Agriculture, Soil Conservation
P.O. Box 678
Champaign, IL 61820
Phone (217) 356-3785

PHYSICAL CHARACTERISTICS

Soil and water conservation needs

AREA: Entire state

UPDATED: 1962, 1970 (approximately every 10 years)

This comprehensive inventory of conservation needs is part of a nationwide program coordinated by the U.S. Department of Agriculture. The inventory was based on a survey of two percent statistical sample of the land in each township. Conservation treatment needs for tilled cropland, all cropland, pasture, forest, forest land grazed, and other land are reported for each county. In addition, county totals of land use and land use by land capability classes are presented. Estimates of additional woodland needs are also included. Finally, watershed project needs are listed by major drainage areas and the number of small watersheds potentially feasible for project action is listed. State agencies cooperating with the U.S. Department of Agriculture included the Department of Conservation, Department of Agriculture and State Water Survey. Representatives from the University of Illinois Agricultural Experiment Station and Cooperative Extension Service also participated. Copies of the publication "Illinois Soil and Water Conservation Needs Inventory" can be obtained from the Cooperative Extension Service.

CONTACT:

Cooperative Extension Service
College of Agriculture
University of Illinois
Urbana, IL 61801
Phone (217) 333-2661

PHYSICAL CHARACTERISTICS

Parent materials map

AREA: Entire state

UPDATED: Once, 1935

A map at the scale of 1" = approximately 12 miles indicates the parent materials of the soils in Illinois. Six classes are shown: loess more than 100 inches thick; loess or loess-like 50-100 inches thick; loess or loess-like less than 50 inches thick on permeable calcareous drift; loess or loess-like less than 50 inches thick on calcareous impermeable drift; loess or loess-like less than 50 inches thick on noncalcareous impermeable drift; alluvial material. The map also shows the boundary of Wisconsin drift.

CONTACT:

Agricultural Experiment Station
College of Agriculture
University of Illinois
Urbana, IL 61801
Phone (217) 333-0240

PHYSICAL CHARACTERISTICS

Surface characteristics
map

AREA: Entire state

UPDATED: Once, 1935

A map at the scale of 1" = approximately 12 miles shows the surface characteristics of the soils in Illinois. Seven classifications are indicated: silt loams and clay loams are classified as black to brown, grayish brown, and brown-gray; silt loams are classified as gray, yellow-gray, reddish yellow. The seventh classification is: sandy loams and sands.

CONTACT:

Agricultural Experiment Station
College of Agriculture
University of Illinois
Urbana, IL 61801
Phone (217) 333-0240

PHYSICAL CHARACTERISTICS

Geologic maps

AREA: Entire state

UPDATED: Periodically, latest 1967

A color map at the scale 1:500,000 shows the major geologic regions of Illinois as well as some cultural features. One north-south and two east-west cross sections are shown. In addition, small inset maps show sub-Pennsylvanian, sub-, middle, and upper Devonian geology, thickness of surficial deposits, and extent of various glacial advances.

CONTACT:
State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 344-1481

PHYSICAL CHARACTERISTICS

Subsoil permeability map

AREA: Entire state

UPDATED: Once, 1935

A map at the scale of 1" = approximately 12 miles characterizes soil as either "nearly level" or "sloping". For each type the subsoil permeability is classified as rapid, moderate, variable, slow, or very slow.

CONTACT:
University of Illinois
College of Agriculture
Agricultural Experiment Station
Urbana, IL 61801
Phone (217) 333-0240

PHYSICAL CHARACTERISTICS

Surface deposits

AREA: Entire state

UPDATED: Once, 1960

In cooperation with the University of Illinois Engineering Experiment Station, Illinois Division of Highways, U.S. Department of Commerce, and the Illinois Agricultural Experiment Station, the Illinois State Geological Survey has prepared a map of surface deposits of Illinois. The map at the scale 1:500,000, shows moranic ridges, lakebed sediments, ice-contact stratified drift, alluviated valleys and outwash plains, limits of glacial advances, and approximate thickness of loess. A small inset map shows the physiographic divisions of Illinois. The data was compiled by Professor Thomas H. Thornburn of the University of Illinois, Department of Civil Engineering. Copies of the map are available from the State Geological Survey.

CONTACT:

Illinois State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 344-1481

PHYSICAL CHARACTERISTICS

Bedrock surface

AREA: Entire state

UPDATED: 1957

A map at the scale 1:500,000 shows bedrock surface contours at 50 foot intervals, and driftless areas. An inset map shows major bedrock valleys, areas producing water from sand and gravel in bedrock valleys, and areas where sand and gravel deposits were penetrated in boring. The scale of this inset, taken from Illinois Geological Survey Bulletin #73, is 1"= approximately 25 miles.

CONTACT:

Illinois State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 344-7481

PHYSICAL CHARACTERISTICS

USGS quadrangle maps

AREA: Entire state

UPDATED: Irregularly 1907-1968

There are two series of quadrangle maps covering the State of Illinois. The 15 minute series is available for the entire state. In the southern quarter of the state and along the Mississippi and Illinois River bottoms 7 1/2 minute maps are available. The 15 minute maps are produced at a scale of 1:62,500 and 7 1/2 minute maps are 1:24,000. Each map shows 10 or 20 foot contour lines, water, forests, structures, and other physical features. In addition, political boundaries, sections, and latitude-longitude lines are shown. The maps have been produced irregularly since 1907. Some of the maps were revised as recently as 1968 using aerial photographs. These maps constitute the most comprehensive and most accurate series of maps available for the entire state and they are virtually the sole source of topographic data. In all, there are about 675 15 minute and 7 1/2 minute quadrangle maps available. The U. S. Geological Survey also produces maps at a scale of 1:250,000 with larger contour intervals. Copies of the maps may be ordered from the Illinois State Geological Survey, Natural Resources Building, University of Illinois, Urbana, IL 61801.

CONTACT:

U. S. Geological Survey
Champaign District Office
P. O. Box 1036
Champaign, IL 61820
Phone (217) 359-3918

PHYSICAL CHARACTERISTICS

Aerial photographs

AREA: Entire state

UPDATED: Every six years

A series of aerial photographs is available for the entire State of Illinois excluding Chicago and parts of Cook County. These photographs are available in several scales ranging from 1:4000 to 1:20000. They are taken by the U. S. D. A. Agricultural Stabilization and Conservation Service to determine acreages of various crops and to check compliance with federal idle acres programs. The negatives are rectified and stored in Asheville, N. C., and prints should be ordered through the ASCS. They are available for inspection at most ASCS county offices.

CONTACT:

U. S. Department of Agriculture
Agricultural Stabilization and Conservation Service
Rm. 732
Post Office Building
Springfield, IL 62701
Phone (217) 525-4180

PHYSICAL CHARACTERISTICS

Oil and gas development

AREA: Entire state

UPDATED: Annually

The Illinois State Geological Survey publishes an annual report on the petroleum industry in Illinois. The report contains information on production, reserves, and exploratory drilling for oil and natural gas. Information about underground storage facilities for natural gas and liquified petroleum gas is also included. Tables listing all producing oil and gas pools (by survey township) contain detailed data on field size and age, production, number of wells, character of oil, pay zone, and depth. The reports also contain similar information on waterflood operations for secondary recovery of oil. The latest report, "Petroleum Industry in Illinois, 1969", which was published in 1971.

CONTACT:
State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 344-1481

PHYSICAL CHARACTERISTICS

Oil and gas report

AREA: Entire state

UPDATED: Annually

The Illinois Department of Mines and Minerals issues permits before wells are drilled for oil, gas, water supply, water input, gas input, air input, salt water disposal, and structure tests. Inspectors from the Division of Oil and Gas also supervise the plugging of all abandoned drill holes. Based on information gathered through these activities, the Division of Oil and Gas produces an annual report. The report contains tables showing the name, location, elevation, geologic formation, and owner's name for each well. The well locations are given in terms of feet from the nearest quarter quarter section corner. Further information and copies of this "Annual Oil and Gas Report" can be obtained from the Department of Mines and Minerals.

CONTACT:
Department of Mines and Minerals
Division of Oil and Gas
112 State Office Building
Springfield, IL 62706
Phone (217) 525-7756

PHYSICAL CHARACTERISTICS

Oil and gas map

AREA: Entire state

UPDATED: Irregularly, latest 1968

A map at the scale 1:500,000 showing facilities of the oil and gas industries in Illinois is published every few years by the State Geological Survey. The map shows producing and abandoned oil and gas fields, oil and gas storage areas.

CONTACT:

Illinois State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 344-1481

PHYSICAL CHARACTERISTICS

Oil and gas wells

AREA: Entire state

UPDATED: Weekly

The weekly newsletter of the Department of Mines and Minerals contains a list of permits applied for by individual companies. The location of the proposed well and the intended depth of drilling are reported along with information on the tools to be used. The proposed well locations are given in terms of feet from the nearest quarter quarter section corner.

CONTACT:

Oil and Gas Division
Department of Mines and Minerals
112 State Office Building
Springfield, IL 62706
Phone (217) 525-7756

PHYSICAL CHARACTERISTICS

Coal report

AREA: Entire state
 UPDATED: Annually, since 1879

The "Annual Coal Report" presents a compilation of production, employment, casualty, and equipment mechanization figures for both underground and surface mines. The data is obtained by the Department of Mines and Minerals from forms filled out annually by all mine operators in the state. In the published report, mines are listed by county and post office, but the form filled out by the mine operators contains an exact legal description of the mine location.

CONTACT:
 Department of Mines and Minerals
 112 State Office Building
 Springfield, IL 62706
 Phone (217) 525-6791

PHYSICAL CHARACTERISTICS

Coal mine map

AREA: Entire state
 UPDATED: Irregularly, 1947, 1961, 1966

A map at the scale 1:500,000 showing shaft, slope, and strip mines has been produced by the Illinois Geological Survey on the basis of data compiled by the Illinois Department of Mines and Minerals in Cooperation with the Midwest Coal Producers Institute Inc. The map also contains information on production, freight rates, distances, coal handling docks, etc.

CONTACT:
 Illinois State Geological Survey
 Natural Resources Building
 University of Illinois
 Urbana, IL 61801
 Phone (217) 344-1481

PHYSICAL CHARACTERISTICS

Mineral deposits and recovery facilities

AREA: Entire state

UPDATED: Irregularly, latest 1961

A map showing locations of known and potential commercial deposits of mineral resources has been prepared by the Illinois Geological Survey. The map, at a scale of 1"= approximately 10 miles, shows locations of coal, limestone, fireclay, shale, dolomite, sand, gravel, lead and zinc. Also shown are locations of producing oil and gas pools, oil and gas refineries, blast furnaces, coke ovens, cement, lime, or rock-wool plants, and fluorspar or lead milling plants.

CONTACT:
Illinois State Geological Survey
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone(217) 344-1481

PHYSICAL CHARACTERISTICS

Species Populations

AREA: Entire state

UPDATED: Irregularly

The Illinois Department of Conservation, in cooperation with the Illinois Natural History Survey, conducted a study of the populations of doves, pheasants, squirrels, quail, and cottontail rabbits. The study was conducted during the years 1956 through 1969. Data on breeding populations, nesting and production, migration, and harvest was recorded. Harvest statistics were obtained from hunter surveys and pheasant abundance statistics from a survey which enlisted the aid of rural mail carriers throughout the state. The results of this study have been published in "Technical Bulletin #4" October, 1971 by the Department of Conservation, 602 State Office Building, Springfield, IL 62706.

CONTACT:
Illinois Natural History Survey
Natural Resources Building
Urbana, IL 61801
Phone(217) 333-6870

PHYSICAL CHARACTERISTICS

Species distributions

AREA: Entire state

UPDATED: Irregularly

The Illinois Natural History Survey, in cooperation with the Illinois Department of Conservation, has conducted surveys of thrips, amphibians, mammals, and reptiles in Illinois. The surveys covered every county of the state and determined the distribution of all subspecies known to occur in the state. The results of these investigations are published in Natural History Survey Bulletin, Volume #28, Article 1, November, 1961, (thrips) and Volume #29, Article 4, May, 1968 (reptiles and amphibians). The report on reptiles and amphibians also contains maps showing physiographic divisions of the state and a map of the state's original vegetative cover prior to the arrival of the first French explorers. Range maps for most species of mammals are included in the "Fieldbook of Illinois Mammals", which was published by the State Natural History Survey.

CONTACT:
Illinois Natural History Survey
Natural Resources Building
Urbana, IL 61801
Phone(217) 333-6880

PHYSICAL CHARACTERISTICS

Birds

AREA: Statewide

UPDATED: Once, 1970-1975

A series of reports summarizing virtually everything that has been recorded about Illinois birds is being produced by an ornithologist at the Illinois Natural History Survey. The series will be completed before 1975 and will include information on all species of birds known to have occurred in Illinois. The reports contain 8 1/2" by 11" distribution maps showing breeding records and winter distribution of all species. Further information and copies of these Biological Notes on Illinois birds can be obtained from the Natural History Survey.

CONTACT:
Dr. Richard G. Graber
Illinois Natural History Survey
Natural Resources Building
Urbana, IL 61801
Phone(217) 333-6856

PHYSICAL CHARACTERISTICS

Taxing district maps

AREA: Entire state

UPDATED: Irregularly

Taxing district maps show the assessment boundaries of all taxing districts in the state. Among the types of districts included are: cities, villages, parks, fire protection districts, school districts, both elementary and high school districts, and mass transit districts. The boundaries are shown on county maps at a scale of 1" = 1 mile. There are normally about 600 to 700 changes in these taxing district boundaries per year. Records of these changes are obtained in the form of abstracts from County Clerks' offices by the Office of Financial Affairs in the Department of Local Government Affairs. The maps are then revised at irregular intervals whenever the supply of maps runs out. County taxing district maps on legal size paper are available free from the Office of Financial Affairs.

CONTACT:

Mr. Stanley B. Norris, Office Chief
160 N. LaSalle Street
Room 740
Chicago, IL 60601
Phone (312) 793-3110

PHYSICAL CHARACTERISTICS

Census Tracts

AREA: City of Chicago

UPDATED: Every 10 years since 1950

The Chicago Community Inventory at the University of Chicago has prepared a series of maps at the scale of 1" = approximately one mile which show the location and numbers of census tracts inside the city limits of Chicago. Some street names are also indicated.

CONTACT:

Chicago Community Inventory
University of Chicago
1413 East 60th Street
Chicago, IL 60637
Phone (312) 753-2571

PHYSICAL CHARACTERISTICS

Address reference file

AREA: Urbanized areas of the Chicago SMSA

UPDATED: Once, April 1, 1970

The Northeastern Illinois Planning Commission has constructed an address reference file based on the U. S. Bureau of the Census DIME System. The file lists the high and low addresses of each street segment and indicates the block number, census tract, municipality, township, etc. for each segment. The file also lists the geodetic and state plane coordinates of the intersections of these street segments. The file is on computer tape and consists of 320,000 eighty-character records. Further information on this file and planned updating procedures are available.

CONTACT:

Mr. Suhail al Chalabi
Northeastern Illinois Planning Commission
400 West Madison
Room 2500
Chicago, IL 60606
Phone (312) 263-1266

PHYSICAL CHARACTERISTICS

zip zones

AREA: Entire state

UPDATED: 1969

A map showing major ZIP code areas in Illinois is published by the U.S. Post Office Department. The map shows three-digit zip code areas for most of the state and combinations of two or three such areas in congested regions. The map shows locations of post offices, rail routes, and highway post offices. Delivery routes between post offices are also indicated. Maps showing smaller ZIP code areas are not generally available; only a ZIP code directory exists. Copies of the directory can be found in every post office and directory information is kept in a computer file at the Chicago Regional Office.

CONTACT:

Regional Postmaster General
U.S. Post Office Department
Chicago, IL 60699
Phone(312)353-2021

PHYSICAL CHARACTERISTICS

Soil Conservation
Service districts

AREA: Entire state

UPDATED: April, 1971

An 8 1/2" by 11" map, "Organization Map-Illinois", showing the boundaries of Soil Conservation Service districts and areas is available. The map also shows locations of area offices work unit offices, watershed unit offices, watershed survey offices, project offices and the state office.

CONTACT:

Mr. Howard W. Busch
State Conservationist
U.S. Department of Agriculture
Soil Conservation Service
P.O. Box 678
Champaign, IL 61820
Phone(217)356-3785

PHYSICAL CHARACTERISTICS

USGS quadrangle maps

AREA: Entire state

UPDATED: Irregularly 1907-1968

There are two series of quadrangle maps covering the State of Illinois. The 15 minute series is available for the entire state. In the southern quarter of the state and along the Mississippi and Illinois River bottoms 7 1/2 minute maps are available. The 15 minute maps are produced at a scale of 1:62,500 and 7 1/2 minute maps are 1:24,000. Each map shows 10 or 20 foot contour lines, water, forests, structures, and other physical features. In addition, political boundaries, sections, and latitude-longitude lines are shown. The maps have been produced irregularly since 1907. Some of the maps were revised as recently as 1963 using aerial photographs. These maps constitute the most comprehensive and most accurate series of maps available for the entire state and they are virtually the sole source of topographic data. In all, there are about 675 15 minute and 7 1/2 minute quadrangle maps available. The U.S. Geological Survey also produces maps at a scale of 1:250,000 with larger contour intervals. Copies of the maps may be ordered from the Illinois State Geological Survey, Natural Resource, University of Illinois, Urbana, IL 61801.

CONTACT:

U.S. Geological Survey
Champaign District Office
P.O. Box 1036
Champaign, IL 61820
Phone(217)359-3918

PHYSICAL CHARACTERISTICS

State drainage map

AREA: Entire state

UPDATED: 1948

A map showing the stream network of the state and some cultural information, including county lines, city names, and township and range lines, is prepared by the U.S. Geological Survey. The map is 32" by 53" and shows the stream network in blue. Copies are available for \$1.00 from the Illinois Geological Survey, Natural Resources Building, University of Illinois, Urbana, IL 61801. Smaller 17" by 27" black and white maps are available for \$.50. A similar map showing more current cultural information was scheduled for printing and release in November, 1971 by the Illinois Division of Waterways.

CONTACT:

Department of Public Works and Buildings
Division of Waterways
Bureau of Water Resources
201 West Monroe Street
Springfield, IL 62706
Phone (217) 525-2503

PHYSICAL CHARACTERISTICS

Aerial photographs

AREA: Entire state

UPDATED: Every six years

A series of aerial photographs is available for the entire State of Illinois excluding Chicago and parts of Cook County. These photographs are available in several scales ranging from 1:4000 to 1:20000. They are taken by the U.S.D.A. Agricultural Stabilization and Conservation Service to determine acreages of various crops and to check compliance with federal idle acres programs. The negatives are rectified and stored in Asheville, N.C., and prints should be ordered through the ASCS. They are available for inspection at most ASCS county offices. Aerial photos of northeastern Illinois are available from the Northeastern Illinois Planning Commission.

CONTACT:

U.S. Department of Agriculture
Agricultural Stabilization and Conservation Service
Room 232
Post Office Building
Springfield, IL 62701
Phone (217) 525-4810

PHYSICAL CHARACTERISTICS

Floodplains

AREA: Major river basins
 UPDATED: Once, 1971-1972

The U. S. Geological Survey has selected approximately 140 quadrangle maps in the State of Illinois which show areas subject to considerable flood damage. The elevation of the 100 year frequency flood has been outlined on these maps. The flood level was determined by analysis of gauging station data. Some emphasis is being placed on urban areas concurrent with the urban flood control studies being done by the Illinois Division of Waterways.

CONTACT:
 U. S. Geological Survey
 Champaign District Office
 P. O. Box 1036
 Champaign, IL 61820
 Phone (217) 359-3918

PHYSICAL CHARACTERISTICS

County drainage maps

AREA: Counties of Boone, Cass, Christian, Champaign, Cook, Dewitt, Logan, Macon, Mason, Menard, Piatt, and Sangamon

UPDATED: Once, 1960-1971

A series of county maps at the scale of 1" = 1 mile is being produced by the Illinois Division of Waterways. These maps show stream networks, locations of tile drains, and boundaries of political drainage districts, if known. This series is being completed at the rate of about one county per year. Existing U.S.G.S. topographic maps and aerial photographs are used and this information is augmented by additional field surveys.

CONTACT:
 Department of Public Works and Buildings
 Division of Waterways
 Bureau of Water Resources
 201 West Monroe Street
 Springfield, IL 62706
 Phone (217) 525-2503

PHYSICAL CHARACTERISTICS
Floodplain information

AREA: Selected problem areas
UPDATED: Once

The U.S. Army Corps of Engineers has accumulated a great deal of floodplain data for most major rivers in Illinois. Unfortunately, most of this data is in raw or unprocessed form and detailed floodplain maps have not been drawn. In certain areas, such as Macon County, detailed floodplain information studies have been published. These studies usually contain maps showing 100 year flood levels and the probably upper limit of flooding. Most maps are drawn at the scale 1"=1000 feet. The State of Illinois lies in four U.S. Army Corps of Engineers' districts. The Chicago District has mapped floodplains for six streams in Macon County, the north branch of the Chicago River, the DesPlaines River, and the Calumet River. A floodplain information study for the Dupage River is under consideration. The St. Louis District has USGS quadrangle maps showing floodplains in the Centralia and Carbondale areas. Unpublished floodplain information is available for the Kaskaskia, Illinois, Mississippi, and Big Muddy Rivers. Some information is also available for Shoal Creek. The Rock Island District Office has floodplain maps for Turtle Creek in Winnebago County, the Rock River in Winnebago and Rock Island Counties, the Mississippi River in Rock Island County, and the South Branch of the Kishwaukee River. Since these maps cost \$70 each to produce, distribution is limited and copies are available for inspection at the Rock Island District Office. Finally, the Louisville District Office, whose jurisdiction includes the Wabash River Basin, has floodplain maps for parts of the Wabash River up as far as Lafayette, Indiana. Other unprocessed data is available for the Vermilion, Embarras, Little Wabash, and Skillet Fork Rivers. For more detailed floodplain information for Illinois river basins, contact the nearest U.S. Army Corps of Engineers District Office.

CONTACT:
U.S. Army Corps of Engineers
Chicago District Office
219 S. Dearborn
Chicago, IL 60604
Phone (312) 353-6885

LAND USE

Land use planning

AREA: Entire state
UPDATED: Annually

The Illinois Department of Local Government Affairs publishes an annual summary of planning activities. There is a summary for each county which includes the names of all planning agencies in the county, names of staff members, major issues addressed by the particular planning agency, and types of planning done during the year. Further information on local planning activities and copies of the above annual report can be obtained from the Department of Local Government Affairs.

CONTACT:
Department of Local Government Affairs
Office of Planning and Research
325 West Adam Street
Springfield, IL 62706
Phone (217) 525-7564

LAND USE

Land use planning

AREA: Entire state

UPDATED: 1971

The Illinois Division of Highways, Bureau of planning, maintains a list of local planning documents designed to serve those concerned with planning at the local and state levels. Emphasis is placed on transportation planning. Documents listed include studies on public buildings, recreation, land use, sources of financial support, etc. The list is arranged alphabetically by municipality or region within highway district. A map showing the nine multi-county highway districts is included. This information is available in the publication "Summary of Local Planning Documents in Illinois".

CONTACT:

Department of Public Works and Buildings
Division of Highways
Bureau of Planning
341 Highway Administration Building
Springfield, IL 62706
Phone (217) 525-6332

LAND USE

Urban area maps

AREA: All SMSA's and selected urban areas

UPDATED: Usually annually

A series of maps at a scale of 1"= approximately 1000' is produced by the Illinois Division of Highways for most urban areas having a population of over 25,000. The maps show locations of streets and roadway features, drainage, structures, airports, railroads, and other cultural features. Central business districts, schools, and public lands are also shown. The maps are available for \$.50 each from the Division of Highways.

CONTACT:

Department of Public Works and Buildings
Division of Highways
2300 South 31st Street
Springfield, IL 62706
Phone (217) 525-2151

LAND USE

Aerial photographs

AREA: Entire state

UPDATED: Every six years

A series of aerial photographs is available for the entire State of Illinois excluding Chicago and parts of Cook County. These photographs are available in several scales ranging from 1:4000 to 1:20000. They are taken by the U. S. D. A. Agricultural Stabilization and Conservation Service to determine acreages of various crops and to check compliance with federal idle acres programs. The negatives are rectified and stored in Asheville, N. C., and prints should be ordered through the ASCS. They are available for inspection at most ASCS county offices.

CONTACT:

U. S. Department of Agriculture
Agricultural Stabilization and Conservation Service
Room 232
Post Office Building
Springfield, IL 62701
Phone (217) 525-4810

LAND USE

USGS quadrangle maps

AREA: Entire state

UPDATED: Irregularly 1907-1968

There are two series of quadrangle maps covering the State of Illinois. The 15 minute series is available for the entire state. In the southern quarter of the state and along the Mississippi and Illinois River bottoms 7 1/2 minute maps are available. The 15 minute maps are produced at a scale of 1:62,500 and 7 1/2 minute maps are 1:24,000. Each map shows 10 or 20 foot contour lines, water, forests, structures, and other physical features. In addition, political boundaries, sections, and latitude-longitude lines are shown. The maps have been produced irregularly since 1907. Some of the maps were revised as recently as 1968 using aerial photographs. These maps constitute the most comprehensive and most accurate series of maps available for the entire state and they are virtually the sole source of topographic data. In all, there are about 675 15 minute and 7 1/2 minute quadrangle maps available. The U. S. Geological Survey also produces maps at a scale of 1:250,000 with larger contour intervals. Copies of the maps may be ordered from the Illinois State Geological Survey, Natural Resources Building, University of Illinois, Urbana, IL 61801.

CONTACT:

U. S. Geological Survey
Champaign District Office
P. O. Box 1036
Champaign, IL 61820
Phone (217) 359-3918

LAND USE

Land use

AREA: Chicago SMSA (exclusive of the City of Chicago)

UPDATED: Approximately every 5 years

The Northeastern Illinois Planning Commission conducts a survey of land use in the six northeastern Illinois counties as close to five-year intervals as agency program permits. Classification of land use activities is based upon HUD/BPR classification system and aggregated into 24 separate categories. The data is acquired by aerial photo interpretation and manually using a random dot count method and aggregating into square mile totals. Thus, the accuracy of the information is variable; township level data is generally available and in some areas data is available at the quarter section level. The results of a typical land use inventory for this area fill nearly 15,000 computer cards. A report entitled "Land Use Inventory: 1965, Northeastern Illinois Region" is available, as are county maps at a scale 1" = 1 mile showing land use activities. The latest land use inventory for which publications are available is 1965.

CONTACT:
Northeastern Illinois Planning Commission
Research and Data Division
400 West Madison
Room 2500
Chicago, IL 60606
Phone (312) 263-1266

LAND USE

Land use forecasts

AREA: Chicago SMSA (counties of Cook, DuPage, Kane, Lake, McHenry, and Will)

UPDATED: Every five years, revised annually

Projections of population, employment (at work site) by SIC category, and land use acreage are available for six northeastern Illinois counties. These 10 year forecasts are made by the Northeastern Illinois Planning Commission for each survey township and section outside the city of Chicago; totals are given for Chicago. More general information is contained in Planning Paper #10 "Population, Employment, and Land Use Forecasts".

CONTACT:
Northeastern Illinois Planning Commission
Research Office
400 W. Madison
Chicago, IL 60606
Phone (312) 263-1266

LAND USE

Land ownership

AREA: Entire state except Greene County
 UPDATED: Approximately every three years

Plat Books showing land ownership for each incorporated township are available for most Illinois counties. The maps are similar to Illinois county highway maps except that ownership is indicated for most parcels ten acres and larger. Ownership information is obtained from the official public records at the county courthouses and is guaranteed by the publisher to be at least 95 percent accurate. The maps are drawn at a scale of 1" = 1 mile, and larger scale maps are available for Cook and Lake Counties. Most of the books are updated every three years. Plat books may be purchased at Farm Bureau offices in most counties.

CONTACT:
 Rockford Map Publishers Inc.
 4525 Forest View Avenue
 Rockford, IL 61108
 Phone (815) 399-4614

LAND USE

Building permits

AREA: Counties of Cook, DuPage, Kane, Lake, McHenry and Will
 UPDATED: Annually

The Northeastern Illinois Planning Commission maintains information on building permits as an indicator of development trends. Data is obtained from county building and zoning departments through county planning agencies, Dodge Daily Construction Reports, and the local real estate periodicals. Data is generally available at the township level from the Commission office. Some data at the section and quarter section level may be available on request.

CONTACT:
 Mr. Suhail al Chalabi
 Northeastern Illinois Planning Commission
 400 West Madison
 Room 2500
 Chicago, IL 60606
 Phone (312) 263-1266

LAND USE

Construction reports

AREA: 87 counties and 631 places

UPDATED: Monthly

The U.S. Census Bureau publishes monthly and annual summary reports on residential and public housing construction. Statistics on residential construction are presented for dwellings containing one, two, three, four, and five units. The statistics are derived from an 85% sample of all permit issuing offices. The Census Bureau publication, "Construction Reports, Housing Authorized by Building Permits and Public Contracts", can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The Office of Planning and Analysis receives these reports.

CONTACT:

Mr. Frank Anderson
Office of Planning and Analysis
614 State Office Building
Springfield, IL 62706
Phone (217) 525-5414

LAND USE

Housing permits

AREA: Entire state

UPDATED: Annually

The Illinois Department of Business and Economic Development maintains files on the number of housing permits issued in over 100 principal cities (usually the county seat and larger cities in each county). Housing units are classified as having a single unit or having two or more units. The data is compiled from the U.S. Department of Commerce publication "Construction Reports - Housing Authorized by Building Permits and Public Contracts". It is published annually in the "Illinois Regional Economic Data Book".

CONTACT:

Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

LAND USE

Urban renewal

AREA: City of Chicago

UPDATED: 1962

A small 8 1/2" by 11" map of the City of Chicago showing locations of urban redevelopment projects and conservation areas is available. Streets running along quarter section lines are shown. This map was produced in 1962 by the City of Chicago, Department of Urban Renewal. It will be updated if and when budgetary considerations permit.

CONTACT:

Department of Urban Renewal
320 N. Clark Street
Chicago, IL 60610
Phone (312) 744-4000

LAND USE

Landfill sites

AREA: Entire state

UPDATED: Continuously

The Illinois Environmental Protection Agency issues permits for all sanitary landfill sites in the state. Files containing information on the location, size, slope, geology, and site operator are maintained by the Division of Land Pollution Control. Currently, the information is on paper files and no publications are produced. Current plans call for conversion to a computer tape file which can be used to produce a publication.

CONTACT:

Environmental Protection Agency
Division of Land Pollution Control
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-6760

LAND USE

State highway map

AREA: Entire state
UPDATED: Annually

This map, at a scale of 1" = 12 miles, shows considerably more information than highway location and pavement types. It includes cultural information such as city boundaries and population, points of interest, airports, railroads, rivers, and recreation areas. Mileage between major route intersections and access points to controlled access highways are shown. On the back of the map are larger scale maps of congested areas. Similar maps are also produced by oil companies but most of these contain less cultural information and have a smaller scale. Copies of this map can be obtained at no charge from the Department of Public Works and Buildings.

CONTACT:
Department of Public Works and Buildings
Division of Highways
Highway Administration Building
Springfield, IL 62706
Phone (217) 525-2151

LAND USE

County highway maps

AREA: All Illinois counties
UPDATED: Annually

A series of county highway maps at a scale of 1" = 1 mile is produced by the Illinois Division of Highways. The maps show the location of roads, bridges, and other structures. Airports, railroads, cities and villages, and other cultural features are also shown. Highway information is updated annually and the remaining data at irregular intervals. Copies of the maps are available for \$.50 each from the Division of Highways.

CONTACT:
Department of Public Works and Buildings
Division of Highways
2300 South 31st Street
Springfield, IL 62706
Phone (217) 525-2151

LAND USE

Freeway system

AREA: Entire state except Chicago area

UPDATED: Once, 1970

A 5" by 7" map showing proposed freeway and interstate highway corridors is included in the "Illinois Regional Economic Data Book", which is published annually by the Illinois Department of Business and Economic Development. The proposed network was suggested by the Illinois Highway Study Commission in their report "Illinois Complete Highway Plan, 1970-1990".

CONTACT:

Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-7138

LAND USE

Tollways

AREA: Northern part of the state

UPDATED: Annually

A series of 13 maps is available and contains detailed information about Illinois tollways. Locations of the tollways and Chicago expressways, connecting highways, toll plazas, ramp traffic, through traffic, and toll charges are shown on the maps. Connecting highways and adjoining towns are also noted. These maps are produced by the Illinois State Toll Highway Commission at a scale of 1" = 7 miles.

CONTACT:

Illinois State Toll Highway Commission
Oak Brook, IL 60521
Phone (312) 654-2200

LAND USE

Highway construction

AREA: Entire state

UPDATED: Monthly

Thematic maps are produced by the Illinois Division of Highways at a scale of 1" = 12 miles. These maps show the status of federal aid interstate highway construction in the state. Information as to completion date, percent of mileage completed, to be completed, engineered, etc., is also shown.

CONTACT:
Department of Public Works and Buildings
Division of Highways
Bureau of Planning
Highway Administration Building
Springfield, IL 62706
Phone (217) 525-2151

LAND USE

Highway inventory file

AREA: Entire state

UPDATED: Annually

A computer file containing detailed information on 129,000 miles of highways outside urban areas is maintained by the Illinois Division of Highways. The file includes data on road surface, right-of-way width, structures, intersections, railway crossings, access entrances, shoulder conditions, etc. The information is geographically referenced by road-mile. All data refers to a particular road segment or mile point. The file is used for planning analyses and internal report generation.

CONTACT:
Mr. Ronald Knox
Engineer of Traffic Study
Department of Public Works and Buildings
Division of Highways
2300 South 31st Street
Springfield, IL 62706
Phone (217) 525-2057

LAND USE

Aeronautical charts

AREA: Entire state

UPDATED: Every two years since 1948

This map is produced primarily to aid pilots with visual air navigation in the state. The scale of the maps is 8" = 8 miles. There is a Chicago area inset at the scale of 1" = 4 miles. In addition to showing the boundaries of controlled airspace zones and radio navigational information, the following ground surface features are mapped: airports, railroads, prominent highways, 1,000 foot contour lines, prominent electrical transmission lines, cities and towns, and locations and elevations of prominent obstructions such as radio towers. This map is produced and distributed by the Illinois Department of Aeronautics.

CONTACT:
Department of Aeronautics
Capitol Airport
Springfield, IL 62705
Phone (217) 525-2380

LAND USE

Airport information

AREA: Entire state

UPDATED: Annually

Each airport operator in the state submits a 5010-1 form to the Federal Aviation Agency on an annual basis. The forms contain information on the facilities available at the airport and indicate whether it is a private or public landing strip. Locational information includes latitude and longitude to the nearest second, and the name of the nearest city, and the county. A master computer file containing the information from these forms is maintained by the Chicago Regional Office of the Federal Aviation Agency at O'Hare Field in Chicago. The data is also kept on file at the Illinois State Department of Aeronautics. Using this information, the Department of Aeronautics publishes bi-annually an "Illinois Airport Directory". This publication contains most of the information from the 5010-1 files plus aerial photographs of all airports in Illinois that are open to the public.

CONTACT:
Department of Aeronautics
Engineering Section
Capitol Airport
Springfield, IL 62705
Phone (217) 525-2883

LAND USE

Census of manufactures

AREA: Entire state

UPDATED: Every five years since 1963

Statistics compiled from the U.S. Department of Commerce Census of Manufactures are published in three volumes a year or two after the census year. The third volume presents data by states, counties, SMSA's and cities of 10,000 population or more. Statistics on the number of establishments, employment, payroll, employees, man-hours, wages, value added, and capital expenditures are presented. The four digit Standard Industrial Classification code is used. More current but less extensive data is presented in the "Annual Survey of Manufactures" published by the Bureau of the Census.

CONTACT:
U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone(301)735-2000

LAND USE

Manufacturing plants

AREA: Entire state

UPDATED: Annually

The Illinois Department of Business and Economic Development lists the number of manufacturing plants in each of 16 multi-county regions within the state. The plants are listed by SIC code and label with number of employees given. The data is based on the Census of Manufactures by the U.S. Bureau of the Census when current and updated using county business data from the U.S. Department of Commerce. For the 1971 publication in the "Illinois Regional Economic Data Book", the 1963 Census of Manufactures was the latest available.

CONTACT:
Department of Business and Economic Development
Division of Research and Development
222 South College Street
Springfield, IL 62706
Phone (217) 525-6746

LAND USE

Illinois manufacturers directory

AREA: Entire state

UPDATED: Annually since 1912

This directory lists manufacturers in the state by Standard Industrial Classification (SIC) number. The mailing addresses of the firms are given as well as information on the number of employees and capitalization. Information on industrial plants in more than 800 cities and towns is included. However, this listing is not complete because industries voluntarily submit information for publication in this directory for advertising purposes. Further information and copies of the directory (\$65.00) can be obtained from Manufacturers News, Inc.

CONTACT:

Manufacturers News, Inc.
3 East Huron Street
Chicago, IL 60611
Phone (312) 337-1084

LAND USE

Directory of manufacturers and industries

AREA: Entire state

UPDATED: Annually

A directory of over 31,000 industries, manufacturers, wholesalers and jobbers in Illinois is available. For each firm the mailing address, owner's name, capitalization, employment, and trade area are listed. Information on products handled is also included in a yellow-pages section which provides indexing by product type. Most of the firms listed are in Chicago and Cook County. Inside Chicago firms are listed alphabetically and by ZIP code area. A ZIP code map of Chicago is also included. For Cook County outside Chicago, and in another section covering the rest of the state, firms are listed by county or town. Copies of this "Chicago and Cook County Industrial Directory" may be purchased for \$50.00.

CONTACT:

The Chicago and Cook County Industrial Directory
220 South State Street
Chicago, IL 60604
Phone (312) 922-2889

LAND USE

Census of business

AREA: Entire state

UPDATED: Every five years since 1963

Statistics compiled by the U.S. Department of Commerce Census of Business are published in seven volumes a year or two after the census is taken. Data is presented at the state and SWSA levels. Information on the number, sales, and payrolls of wholesale and retail trade establishments is presented. Types of businesses are delineated by the four digit Standard Industrial Classification code. Finally, for every county and city with 200 or more service establishments the dollar receipts and total payroll are recorded. Copies of these publications may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:
U.S. Department of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

LAND USE

Public utilities

AREA: Entire state

UPDATED: 1971

Maps showing service areas of most public utilities in the state are produced by the Illinois Commerce Commission. Railroad maps are available in a 34" by 40" format. Telephone maps are available in two sizes, 12" by 22" and 24" by 44". Gas maps are produced in a 21" by 28" size. These maps can be obtained from the Illinois Commerce Commission. Prices range from \$1.50 to \$4.00. Electric public utility maps are available in black and white and color and in two sizes: 15 1/2" by 25" and 27" by 45". These maps show the service areas of all public electric utilities and transmission lines of 34,500 volts and larger. Also shown are locations of principal generating stations. The cost of these maps ranges from \$2.50 to \$7.00. They can be ordered from Mr. Robert B. Weyrock, Commonwealth Edison Company, 1 First National Plaza, Chicago, IL 60607. The service territories shown on these maps for the respective utilities are only approximate and are not to be considered as a determination by the Illinois Commerce Commission. However, the Commission does have on file exact legal descriptions of the service areas of all of the public utilities in the state.

CONTACT:
Mr. John Urban
Illinois Commerce Commission
202 State Office Bldg.
Springfield, IL 62706
Phone (217) 525-2145

LAND USE

Illinois Department
of Agriculture

AREA: Entire state
UPDATED: Annually

The annual report of the Illinois Department of Agriculture contains information on the activities of each division. Watershed activity is reported by county. Cholera and brucellosis outbreaks are listed by county and results of work done in regional diagnostic labs (blood and milk examinations, brucella samples, etc.) are listed by species and towns. Fiscal information, including data on state financing of county fairs and 4-H fairs is also included.

CONTACT:
Illinois Department of Agriculture
Illinois State Fairgrounds
Springfield, IL 62702
Phone (217) 525-2274

LAND USE

Electric facilities

AREA: Entire state
UPDATED: Annually

The Federal Power Commission produces a series of maps entitled "Principal Electric Facilities in the United States". These are color maps showing generating facilities larger than 10,000 kilowatts and transmission networks larger than 69,000 volts. The United States map, 44" by 64", is available for \$1.25 and eight regional maps at the scale of 1" = 32 miles are available at \$.50 each from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. Note: Only the transmission networks are shown on these maps. For accurate maps showing the location of transmission lines of all sizes, individual power companies or rural electric cooperatives must be contacted.

CONTACT:
Federal Power Commission
Chicago Region
510 S. Canal
Chicago, IL 60607
Phone (312) 353-6171

LAND USE

Watershed development

AREA: Entire state

UPDATED: Annually since 1917

The Division of Soil and Water Conservation of the Illinois Department of Agriculture maintains a list of all watershed projects in the state. Among the information listed are the name of the watershed, county, acreage involved, and project purpose (erosion control, flood control, drainage improvement, etc.). The list of projects is published in "Department of Agriculture Annual Report" which can be obtained from the Department of Agriculture.

CONTACT:

Mr. Joseph Berta, III
Department of Agriculture
Division of Soil and Water Conservation
State Fairgrounds
Springfield, IL 62702
Phone (217) 525-6297

LAND USE

Soil and water
conservation needs

AREA: Entire state

UPDATED: 1962, 1970 (approximately every 10 years)

This comprehensive inventory of conservation needs is part of a nationwide program coordinated by the U.S. Department of Agriculture. The inventory was based on a survey of two percent statistical sample of the land in each township. Conservation treatment needs for tilled cropland, all cropland, pasture, forest, forest land grazed, and other land are reported for each county. In addition, county totals of land use and land use by land capability classes are presented. Estimates of additional woodland needs are also included. Finally, watershed project needs are listed by major drainage areas and the number of small watersheds potentially feasible for project action is listed. State agencies cooperating with the U.S. Department of Agriculture included the Department of Conservation, Department of Agriculture and State Water Survey. Representatives from the University of Illinois Agricultural Experiment Station and Cooperative Extension Service also participated. Copies of the publication "Illinois Soil and Water Conservation Needs Inventory" can be obtained from the Cooperative Extension Service.

CONTACT:

Cooperative Extension Service
College of Agriculture
University of Illinois
Urbana, IL 61801
Phone (217) 333-2661

LAND USE

Farm census

AREA: Entire state

UPDATED: Annually since 1958

For every township in the state, information on the number of farms, people in farm operators' households, acres in farms, and acres in all crops, forages, and seed is available. Also, there is a complete inventory of livestock by type, age, sex, use, and point in reproduction cycle. In addition, there is an inventory of peach and apple trees. The data is first listed by township; then county summaries are given. The data is obtained from county assessors and assembled by the Division of Agricultural Statistics of the Illinois Department of Agriculture. It is published by the Illinois Cooperative Crop Reporting Service as "Illinois Annual Farm Census Township Summaries".

CONTACT:
Agricultural Statistician
Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

LAND USE

Farm census

AREA: Entire state

UPDATED: Every 5 years since 1920

In the Census of Agriculture, conducted every 5 years by the U.S. Department of Commerce, Bureau of the Census, considerable information on farms, productivity, and farm practices is accumulated. This data includes statistics on commercial farms, acreage, value, and operator tenure of all farms, and acreage and productivity of major crops on irrigated and non-irrigated land. This information is aggregated to the county level and published in "U.S. Census of Agriculture Statistics for the State and Counties, Illinois", which can be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:
U.S. Dept. of Commerce
Bureau of the Census
Federal Office Buildings 3 and 4
Suitland, Maryland 20233
Phone (301) 735-2000

LAND USE

Crops

AREA: Entire state

UPDATED: Monthly

"Crops", a publication of the Illinois Cooperative Crop Reporting Service, contains information on the yields and production of the principal crops. The publication also includes seed production forecast and information on farm labor and wage rates for the state. This information is reported for each multi-county crop reporting district and is based on a statistical analysis of reports filed by individual crop reporters.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (Phone (217) 525-4898

LAND USE

Grain production and storage

AREA: Entire state

UPDATED: Once, 1970

This report of the Cooperative Extension Service of the University of Illinois College of Agriculture provides an assessment of grain elevator capacity in each county. Information on crop production density (bushels per acre), rates of change in production density, and projected 1975 corn production densities are recorded by county. In addition, data on sales of corn, disposition of shelled corn, corn moved off-farm at harvest, ratio of sales to storage, density and off-farm commercial storage, storage capacity, and opportunities for expansion of storage facilities are reported. Data was obtained from a survey of Illinois grain elevator operators and from the Illinois Cooperative Reporting Service. Copies of the publication "Adequacy of Elevator Capacity in Illinois Counties" may be obtained from the Office of Publications, University of Illinois, Urbana, IL 61801.

CONTACT:
Prof. Lowell D. Hill
415 Mumford Hall
University of Illinois
Urbana, IL 61801
Phone (217) 333-2455

LAND USE

Fertilizer sales and use

AREA: Entire state

UPDATED: Semi-annually

In accordance with the Illinois Fertilizer Act, weekly reports are filed with the Illinois Department of Agriculture, Division of Feeds, Fertilizers, and Standards in Springfield. Information on the types of fertilizers (i.e., primary nutrient material, registered commercial grade) and amounts sold are listed by county and crop reporting district in a publication entitled "Commercial Fertilizer Sales". The Division uses this information to aid in the regulation of fertilizer production and sales and insures that chemical analyses are correct.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

LAND USE

Herbicide use

AREA: Entire state

UPDATED: Annually since 1964

Based on a statistical analysis of reports from crop reporters throughout the state, the Illinois Cooperative Crop Reporting Service publishes an annual report "Chemical Weed Control by Illinois Farmers". It contains information on the acreage of corn and soybeans treated with herbicides, the types of herbicides used, methods of application, quantities applied, and assessments of the performance of the products. This information is presented for each of the multi-county crop reporting districts. The data is also summarized and published in "Illinois Agricultural Statistics", another annual publication of the Cooperative Crop Reporting Service.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P.O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

LAND USE
Pesticide use

AREA: Entire state
UPDATED: Annually

Information on agricultural chemicals used on crops, farmsteads, and livestock is presented for each crop reporting district in the state. The information is derived by the Illinois Cooperative Crop Reporting Service by statistical analyses of the results of questionnaires distributed to farmers throughout the state. The other four Great Lakes states are conducting the same survey. The data is presented in the publication entitled "Pesticide Use by Illinois Farmers 1970" and is also summarized in the annual "Illinois Agricultural Statistics" publication of the Crop Reporting Service.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P.O. Box 429
Springfield, IL 62705
Phone(217)525-4898

WATER RESOURCES

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HYDROLOGIC DATA

Discharge and stage data

AREA: Entire state

UPDATED: Annually

The U.S. Geological Survey operates 160 continuous monitoring stations on the waterways of the state. In addition, there are many peak discharge and/or maximum flood stage monitors throughout the state, particularly in the northeastern counties. The continuous monitoring stations measure both flow rate and river stage. They are located by geodetic coordinates to the nearest second of arc. The peak discharge stations and maximum flood stage stations are located at least by quarter section, some by latitude-longitude. The data is analyzed annually and combined with historical data to show maximum and minimum discharge and stage information in addition to daily, monthly, and annual averages. It is published annually in "Water Resources Data for Illinois" by the U.S. Geological Survey.

CONTACT:

U.S. Geological Survey
Champaign District Office
P.O. Box 1036
Champaign, IL 61820
Phone (217) 359-3918

HYDROLOGIC DATA

Discharge and stage data

AREA: Entire state

UPDATED: Annually

The Illinois State Water Survey maintains a computer file of data obtained from 160 USGS continuous monitoring stations on the major rivers of the state. These stations record the discharge in cubic feet per second as well as river stage. The stations are located by geodetic coordinates to one second of arc. The data is used as input for the following USGS/State Water Survey Publications: "Floods in Illinois, Magnitude and Frequency", 1954; "Flow Duration of Illinois Streams", 1957; "Low Flow Frequencies of Illinois Streams", 1970.

CONTACT:
Illinois State Water Survey
Box 232
Urbana, IL 61801
Phone (217) 333-2211

HYDROLOGIC DATA

Time of travel

AREA: Major rivers

UPDATED: Once, 1969

The Illinois State Water Survey has determined time of travel on 41 reaches of the following rivers and their major tributaries: Rock, Fox, Kankakee, Desplains, Illinois, Vermillion (Illinois), Mackinaw, Spoon, LaMoine, Sangamon, Macoupin, Kaskaskia, Vermillion (Wabash), Embarras, Little Wabash, Big Muddy, North Fork Saline, South Fork Saline, and Cache. End points of the reaches are identified by river mileage index or by bridge location. The data is presented in the form of tables and graphs in "Report of Investigation #63". Research presently underway at the Water Survey on the low flow characteristics of Illinois rivers may be used to update the time of travel estimates. Currently only the minimum time of travel for low, medium and high flow conditions is available and may underestimate actual conditions by a factor of 2 or 3.

CONTACT:
Mr. John B. Stall
Hydrology Section
Illinois State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-0237

HYDROLOGIC DATA

Flow duration

AREA: Entire state

UPDATED: 1957, 1969

Tables and graphs showing the magnitude and frequency of stream flows have been compiled from data at 123 gauging stations throughout the state. These were published by the Illinois Division of Waterways in 1957 and based on data through 1950. The years in which the gauge was in operation are indicated and the gauge is located by geodetic coordinates to one second arc and also to the nearest quarter quarter section. Years of gauge operation are also indicated. The publication "Flow Duration of Illinois Streams" is available from the U. S. Geological Survey. A more recent publication in 1969 presents low and high mean discharge data and flow duration data from 180 stations. The report, entitled "Statistical Summaries of Illinois Stream Flow Data", was also published by the Geological Survey and is based on data through 1966.

CONTACT:
U. S. Geological Survey
Champaign District Office
P. O. Box 1036
Champaign, IL 61820
Phone (217) 359-3918

HYDROLOGIC DATA

Groundwater contribution to streams

AREA: 109 drainage basins (approximately 80% of the state)

UPDATED: Once, 1965

A report on groundwater recharge and runoff has been prepared by the Illinois State Water Survey. The report is based on an analysis of recharge rates and is semi-empirical in nature. The exact sources of recharge and runoff are not pinpointed, only the basins are known. Copies of "Report of Investigation #48, Groundwater Recharge and Runoff in Illinois" are available from the Water Survey.

CONTACT:
Mr. Ellis Sanderson
Hydrology Section
Illinois State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-0235

HYDROLOGIC DATA

State drainage map

AREA: Entire state

UPDATED: 1948

A map showing the stream network of the state and some cultural information, including county lines, city names, and township and range lines, is prepared by the U.S. Geological Survey. The map is 32" by 53" and shows the stream network in blue. Copies are available for \$1.00 from the Illinois Geological Survey, Natural Resources Building, University of Illinois, Urbana, IL 61801. Smaller 17" by 27" black and white maps are available for \$.50. A similar map showing more current cultural information was scheduled for printing and release in November, 1971 by the Illinois Division of Waterways.

CONTACT:

Department of Public Works and Buildings
Division of Waterways
Bureau of Water Resources
201 West Monroe Street
Springfield, IL 62706
Phone (217) 525-2503

HYDROLOGIC DATA

County drainage maps

AREA: Counties of Boone, Cass, Christian, Champaign, Cook, Dewitt, Logan, Macon, Mason, Menard, Piatt, and Sangamon

UPDATED: Once, 1960-1971

A series of county maps at the scale of 1" = 1 mile is being produced by the Illinois Division of Waterways. These maps show stream networks, locations of tile drains, and boundaries of political drainage districts, if known. This series is being completed at the rate of about one county per year. Existing U. S. G. S. topographic maps and aerial photographs are used and this information is augmented by additional field surveys.

CONTACT:

Department of Public Works and Buildings
Division of Waterways
Bureau of Water Resources
201 West Monroe Street
Springfield, IL 62706
Phone (217) 525-2503

HYDROLOGIC DATA

Floodplain information

AREA: Selected problem areas

UPDATED: Once

The U.S. Army Corps of Engineers has accumulated a great deal of floodplain data for most major rivers in Illinois. Unfortunately, most of this data is in raw or unprocessed form and detailed floodplain maps have not been drawn. In certain areas, such as Macon County, detailed floodplain information studies have been published. These studies usually contain maps showing 100 year flood levels and the probable upper limit of flooding. Most maps are drawn at the scale 1" = 1000 feet. The State of Illinois lies in four U.S. Army Corps of Engineers' districts. The Chicago District has mapped floodplains for six streams in Macon County, the north branch of the Chicago River, the Desplaines River, and the Calumet River. A floodplain information study for the DuPage River is under consideration. The St. Louis District has USGS quadrangle maps showing floodplains in the Centralia and Carbondale areas. Unpublished floodplain information is available for the Kaskaskia, Illinois, Mississippi, and Big Muddy Rivers. Some information is also available for Shoal Creek. The Rock Island District Office has floodplain maps for Turtle Creek in Winnebago County, the Rock River in Winnebago and Rock Island Counties, the Mississippi River in Rock Island County, and the South Branch of the Kishwaukee River. Since these maps cost \$70 each to produce, distribution is limited and copies are available for inspection at the Rock Island District Office. Finally, the Louisville District Office, whose jurisdiction includes the Wabash River Basin, has floodplain maps for parts of the Wabash River up as far as LaFayette, Indiana. Other unprocessed data is available for the Vermilion, Embarras, Little Wabash, and Skillet Fork Rivers. For more detailed floodplain information for Illinois river basins, contact the nearest U.S. Army Corps of Engineers District Office.

CONTACT:

U.S. Army Corps of Engineers
Chicago District Office
219 S. Dearborn
Chicago IL 60604
Phone (312) 353-6885

HYDROLOGIC DATA

Floodplains

AREA: Major river basins

UPDATED: Once, 1971-1972

The U. S. Geological Survey has selected approximately 140 quadrangle maps in the State of Illinois which show areas subject to considerable flood damage. The elevation of the 100 year frequency flood has been outlined on these maps. The flood level was determined by analysis of gauging station data. Some emphasis is being placed on urban areas concurrent with the urban flood control studies being done by the Illinois Division of Waterways.

CONTACT:

U. S. Geological Survey
Champaign District Office
P. O. Box 1036
Champaign, IL 61820
Phone (217) 359-3918

QUALITY

Water quality standards

AREA: All waters of the state
 UPDATED: 1972

The Illinois Pollution Control Board published a report on proposed water quality standards which recognizes certain water use goals for every waterway in the state. These are ambient water quality standards which classify water quality by possible uses such as public water supply, secondary contact recreation, agricultural, etc. These water quality standards (or a revised version) will be adopted by the Pollution Control Board in early 1972. They will supercede existing Sanitary Water Board regulations. Further information and copies of existing and proposed standards can be obtained from the Illinois Pollution Control Board.

CONTACT:
 Mr. Richard J. Kissel
 Illinois Pollution Control Board
 309 West Washington
 Chicago, IL 60606
 Phone (312) 793-3620

QUALITY

Surface water quality

AREA: Entire state
 UPDATED: Continuously

The Illinois State Water Survey has been sampling water quality at USGS Gauging Stations on about 55 streams during the last 25 years. About 20 or 30 water quality parameters are measured. Most of these are mineral, chemical and physical parameters, with only a few measurements of biological water quality. The sampling is done monthly for 5-year intervals and updated approximately every 10 years. A current computer file is maintained by the Water Survey.

CONTACT:
 Mr. R. H. Harmeson
 Office of Computing Services
 Illinois State Water Survey
 P. O. Box 232
 Urbana, IL 61801
 Phone (217) 333-2594

QUALITY

Surface water quality

AREA: Entire state

UPDATED: Every six months

The Environmental Protection Agency maintains a network of about 500 water quality monitoring stations on streams and lakes throughout the state. Plans call for the expansion of this network to include about 1000 stations. Station locations are sometimes given by river mileage index, but most are referenced to the bridge where the station is located. Up to 30 physical, chemical, and biological water quality parameters are given for each station. The information is stored on a magnetic tape which is updated every six months. The tape is used to produce an annual publication entitled, "Illinois Water Quality Network - Summary of Data", which is available from the Agency.

CONTACT:
Environmental Protection Agency
Division of Water Pollution Control
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-6171

QUALITY

Biological water quality

AREA: Entire state

UPDATED: Once, November 1971

A Biological Note entitled "Illinois Streams" presents a classification of 33 stream systems covering the state of Illinois. The classification is based on fish populations of the streams and an analysis of factors responsible for disappearance of native species. Stream systems are rated on the basis of fishes presently known to occur in them and their potential for supporting other species. The report also contains comparisons with surveys carried out in 1905 and 1950. The data was obtained by the Illinois Natural History Survey and by the Division of Fisheries of the Department of Conservation. Copies of this Biological Note #76 are available from the Natural History Survey.

CONTACT:
Natural History Survey
Faunistic Surveys and Insect Identification
Natural Resources Building
University of Illinois
Urbana, IL 61801
Phone (217) 333-6846

QUALITY

Groundwater quality

AREA: Entire state
 UPDATED: Continuously

The Illinois State Water Survey maintains information in its engineering files on water quality in private wells throughout the state. About 20 water quality parameters are listed with emphasis on mineral content. The wells are located by county, township and section. It is a computer file containing approximately 30,000 records at 80 columns per card. The file is never purged; there are continuous additions.

CONTACT:
 Mr. R. H. Harmeson
 Office of Computing Services
 State Water Survey
 P. O. Box 232
 Urbana, IL 61801
 Phone (217) 333-2594

QUALITY

Public water supplies

AREA: Entire state
 UPDATED: Quarterly

The Environmental Protection Agency maintains a file on information on the quality of all public water supplies. The iron content, fluoride content, and hardness of both raw and finished water are recorded and stored on magnetic tape. Additional data recorded includes population serviced, name of the owner, source of supply, price rates and design capacity. The tape file is updated quarterly and used to produce an annual publication entitled, "Public Water Supplies".

CONTACT:
 Environmental Protection Agency
 Division of Public Water Supplies
 2200 Churchill Road
 Springfield, IL 62706
 Phone (217) 525-2027

QUALITY

Nitrate Pollution

AREA: Champaign and Washington Counties

UPDATED: Once, expected 1974

A cooperative research project by the Illinois State Water Survey and Washington University of St. Louis, Missouri, is currently underway in Champaign and Washington Counties. The purpose of the project is to determine the correlation between fertilizer application and nitrate pollution of Illinois waterways. Water samples are being taken for entire watersheds and at individual drain tile outlets. The project is scheduled for completion in 1974 but preliminary information may be available at an earlier date.

CONTACT:

Mr. Richard Schicht
Hydrology Section
State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-0239

QUALITY

Sewage effluent
emissions

AREA: Entire state

UPDATED: Every 6 months since 1958

The Illinois Environmental Protection Agency samples the effluent at all 1800 sewage treatment plants in the state. The plants are located by county and efforts are underway to determine the river mileage index and geodetic coordinates for each plant. Physical, chemical, and biological parameters are recorded and stored on magnetic tape. Only one copy of this tape is printed, and it is kept on file at the Agency.

CONTACT:

Environmental Protection Agency
Division of Water Pollution Control
Surveillance Section
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-6171

QUALITY
Industrial effluent
emissions

AREA: Entire state
UPDATED: Continuously

All waste discharges into the waters of the state must be under permit as of January 1, 1972. Applications for the two-year permits are received by the Illinois Environmental Protection Agency. The applications contain information on the frequency and content of all effluent discharges. Current plans call for the locational information (maps drawn by applicants) to be identified in terms of geodetic coordinates or river mileage index. This information is now in paper files, but efforts are currently underway to convert to a computer tape file. Access to this information is restricted because it contains data which may reveal secrets of industrial processes.

CONTACT:
Environmental Protection Agency
Division of Water Pollution Control
Permit Section
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-6171

QUALITY
Soil and erosion
characteristics

AREA: Entire state
UPDATED: Once, November, 1969

For each county, information on soil type, slope, and erosion characteristics is available. Also listed is the total area of the county (in acres) and the percent of the county having each soil type. Statewide totals are also listed. This information was obtained by the Soil Conservation Service in cooperation with the University of Illinois College of Agriculture, Agricultural Experiment Station. The county totals were inferred by statistical analysis of a 2% sample (three 160 acre tracts per township). Fieldwork was done by the Soil Conservation service in 1967 and 1968. Raw data inputs on magnetic tape are available from the Statistical Lab at Iowa State University, Ames, Iowa. The results of the study are published in Bulletin #735 entitled "Soil Types for Illinois" which can be obtained from the Office of Publications, College of Agriculture, University of Illinois, Urbana, IL 61801.

CONTACT:
Mr. Howard Busch
State Conservationist
U.S. Department of Agriculture, Soil Conservation
P.O. Box 678
Champaign, IL 61820
Phone (217) 356-3785

QUALITY

Fertilizer sales and use

AREA: Entire state

UPDATED: Semi-annually

In accordance with the Illinois Fertilizer Act, weekly reports are filed with the Illinois Department of Agriculture, Division of Feeds, Fertilizers, and Standards in Springfield. Information on the types of fertilizers (i.e., primary nutrient material, registered commercial grade) and amounts sold are listed by county and crop reporting district in a publication entitled "Commercial Fertilizer Sales". The Division uses this information to aid in the regulation of fertilizer production and sales and insures that chemical analyses are correct.

CONTACT:

Agricultural Statistician
Illinois Department of Agriculture
P. O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

QUALITY

Herbicide use

AREA: Entire state

UPDATED: Annually since 1964

Based on a statistical analysis of reports from crop reporters throughout the state, the Illinois Cooperative Crop Reporting Service publishes an annual report "Chemical Weed Control by Illinois Farmers". It contains information on the acreage of corn and soybeans treated with herbicides, the types of herbicides used, methods of application, quantities applied, and assessments of the performance of the products. This information is presented for each of the multi-county crop reporting districts. The data is also summarized and published in "Illinois Agricultural Statistics", another annual publication of the Cooperative Crop Reporting Service.

CONTACT:

Agricultural Statistician
Illinois Department of Agriculture
P.O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

QUALITY

Pesticide use

AREA: Entire state

UPDATED: Annually

Information on agriculture chemicals used on crops, farmsteads, and livestock is presented for each crop reporting district in the state. The information is derived by the Illinois Cooperative Crop Reporting Service by statistical analyses of the results of questionnaires distributed to farmers throughout the state. The other four Great Lakes states are conducting the same survey. The data is presented in the publication entitled "Pesticide Use by Illinois Farmers 1970" and is also summarized in the annual "Illinois Agricultural Statistics" publication of the Crop Reporting Service.

CONTACT:
Agricultural Statistician
Illinois Department of Agriculture
P.O. Box 429
Springfield, IL 62705
Phone (217) 525-4898

USE AND DEVELOPMENT

Public water supplies

AREA: Entire state

UPDATED: Quarterly

The Environmental Protection Agency maintains a file on information on the quality of all public water supplies. The iron content, fluoride content, and hardness of both raw and finished water are recorded and stored on magnetic tape. Additional data recorded includes population serviced, name of the owner, source of supply, price rates and design capacity. The tape file is updated quarterly and used to produce an annual publication entitled, "Public Water Supplies".

CONTACT:
Environmental Protection Agency
Division of Public Water Supplies
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-2027

USE AND DEVELOPMENT
Irrigation

AREA: Entire state
UPDATED: Continuously

The Illinois State Water Survey maintains engineering files which contain extensive information on irrigation and irrigation potential for the entire state. Locational information is given in terms of survey sections in the files. The latest publication (State Water Survey Report #11, 1951) contains data aggregated to the county level.

CONTACT:
Illinois State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-4950

USE AND DEVELOPMENT
Public Water Supply
Projections

AREA: Entire state
UPDATED: Irregularly

The State Water Survey periodically assesses the adequacy of public water supplies in the State. In 1970 the Survey provided data on current pumpage and estimates of potential groundwater and surface water supplies. Projected water demands in 1980, 1990, 2000, and 2020 were given for each county. This information was published in a report entitled "Priority and Planning Elements for Developing Illinois Water Resources" by the Department of Business and Economic Development, 222 South College Street, Springfield, IL 62706. Potential water transfers from areas of surplus to areas of need were also discussed in this report and its technical appendix. The Water Survey also maintains files containing water demand projections for municipalities within each county. These projections, which were used to arrive at the published county totals, are not made available to the general public. The information is released at the discretion of the Chief of the Water Survey, Mr. William C. Ackermann.

CONTACT:
Mr. William C. Ackermann
Illinois State Water Survey
Box 232
Urbana, IL 61801
Phone (217) 333-2210

USE AND DEVELOPMENT
Resource management

AREA: Entire state
UPDATED: 1968, 1972 (Planned)

The Illinois Department of Business and Economic Development has prepared an analysis of supply-demand relationships for water and related land resources. The needs for municipal water supply, lake and land acreage for recreation and conservation, and projected sewage treatment capacities were examined. A report entitled "Planning Elements for Management of Water and Related Land Resources in Illinois" showing the demand and supply situations by county was produced in cooperation with the Division of Waterways, Water Survey, Public Health, Agriculture, Mines and Minerals, and Conservation Departments.

CONTACT:
Department of Business and Economic Development
Division of Water and Natural Resources
222 South College Street
Springfield, IL 62706
Phone (217) 525-7887

USE AND DEVELOPMENT
Existin~ Impoundments

AREA: 76 counties
UPDATED: 1966-1971

A series of reports on surface water resources for each county is being prepared by the Division of Fisheries of the Department of Conservation. It is expected that reports for all 102 counties will be available by May, 1972. These reports show the locations to the nearest quarter-section of all surface water impoundments 0.1 acres and larger. Information on water uses, fish management, and water quality is included. In addition, general information on the history, physiography, climate, geology, drainage, and soils of the county are presented.

CONTACT:
Department of Conservation
Division of Fisheries
State Office Building
Springfield, IL 62706
Phone (217) 525-6424

USE AND DEVELOPMENT

Potential impoundment sites

AREA: Entire state

UPDATED: Once, 1962-1967

The Illinois State Water Survey has published an inventory of 786 potential reservoir sites 40 acres and larger. A series of four maps shows the existing and potential impoundments at a scale of approximately 1:500,000. These maps accompany a series of four reports (#31, #54, #56, #58) for the southern, south-central, north-central, and northern portions of the state.

CONTACT:

Mr. Julius H. Dawes
Hydrology Section
State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-1495

USE AND DEVELOPMENT

Watershed development

AREA: Entire state

UPDATED: Annually since 1917

The Division of Soil and Water Conservation of the Illinois Department of Agriculture maintains a list of all watershed projects in the state. Among the information listed are the name of the watershed, county, acreage involved, and project purpose (erosion control, flood control, drainage improvement, etc.). The list of projects is published in "Department of Agriculture Annual Report" which can be obtained from the Department of Agriculture.

CONTACT:

Mr. Joseph Berta, III
Department of Agriculture
Division of Soil and Water Conservation
State Fairgrounds
Springfield, IL 62702
Phone (217) 525-6297

USE AND DEVELOPMENT

Resource development
plans

AREA: Six major river basins

UPDATED: 1967-1972

The Illinois Division of Waterways has developed a series of comprehensive plans for water resource development in six major river basins of the state. The basins are the Kankakee, Vermilion (Wabash), Little Wabash, LaMoine, Sangamon, and the Mackinaw. They contain information on the economics, hydrology, water supplies, and population of the basin. Economic and population projections from the Department of Business and Economic Development are included in these reports. This series was discontinued in 1972 in favor of a series of statewide problem-oriented reports (e.g. urban flood control).

CONTACT:
Department of Public Works and Building
Division of Waterways
Bureau of Water Resources
201 West Monroe Street
Springfield, IL 62706
Phone (217) 525-2503

USE AND DEVELOPMENT

Illinois waterways
cruise maps

AREA: Illinois, Ohio, Mississippi and Wabash Rivers

UPDATED: Irregularly, latest 1965

Maps showing channel mileage, locks, dams, highway bridges, boating facilities, state parks, and conservation areas, are available for the legally navigable rivers in the state. The maps, at a scale of one inch equals approximately five miles, are produced by the Illinois Department of Conservation. There is no regular updating procedure. Copies of the maps are available from the Illinois Department of Conservation.

CONTACT:
Illinois Department of Conservation
State Office Building
Springfield, IL 62706
Phone(217)525-6302

USE AND DEVELOPMENT

Navigation charts

AREA: All navigable waterways

UPDATED: Irregularly

Navigation charts showing channels, water depth, bridges, locks, and dams are available for all navigable waterways in the State. The maps for the upper Mississippi and Illinois Rivers, Great Lakes, and other Chicago area lakes are produced by the U.S. Army Corps of Engineers. The river maps have a scale of one inch equals one thousand feet while Great Lakes maps are available at varying scales from 1:10,000 to 1:500,000. The series of recreation maps for Chicago and vicinity consists of 24 charts covering Lake Michigan, Lake Winnebago, and the Lower Fox River. Maps of the Chain of Lakes Region are available from the Illinois Department of Public Works and Buildings, Division of Waterways, 201 W. Monroe, Springfield, IL 62706. Navigation charts for the entire State should be available from the four district offices of the Army Corps of Engineers: Rock River - Rock Island District Office; Kaskaskia River - St. Louis District Office; Wabash and Ohio Rivers - Louisville District Office, Illinois River - Chicago District Office.

CONTACT:

Mr. Odell Sales
Chicago District Office
U.S. Army Corps of Engineers
219 S. Dearborn
Chicago, IL 60604
Phone (312) 353-6885

USE AND DEVELOPMENT

Soil and water
conservation needs

AREA: Entire state

UPDATED: 1962, 1970 (approximately every 10 years)

This comprehensive inventory of conservation needs is part of a nationwide program coordinated by the U.S. Department of Agriculture. The inventory was based on a survey of two percent statistical sample of the land in each township. Conservation treatment needs for tilled cropland, all cropland, pasture, forest, forest land grazed, and other land are reported for each county. In addition, county totals of land use and land use by land capability classes are presented. Estimates of additional woodland needs are also included. Finally, watershed project needs are listed by major drainage areas and the number of small watersheds potentially feasible for project action is listed. State agencies cooperating with the U.S. Department of Agriculture included the Department of Conservation, Department of Agriculture and State Water Survey. Representatives from the University of Illinois Agricultural Experiment Station and Cooperative Extension Service also participated. Copies of the publication "Illinois Soil and Water Conservation Needs Inventory" can be obtained from the Cooperative Extension Service.

CONTACT:

Cooperative Extension Service
College of Agriculture
University of Illinois
Urbana, IL 61801
Phone (217) 333-2661

AIR RESOURCES

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USE AND DEVELOPMENT

Soil and erosion characteristics

APEA: Entire state

UPDATED: Once, November, 1969

For each county, information on soil type, slope, and erosion characteristics is available. Also listed is the total area of the county (in acres) and the percent of the county having each soil type. Statewide totals are also listed. This information was obtained by the Soil Conservation Service in cooperation with the University of Illinois College of Agriculture, Agricultural Experiment Station. The county totals were inferred by statistical analysis of a 2% sample (three 160 acre tracts per township). Fieldwork was done by the Soil Conservation service in 1967 and 1968. Raw data inputs on magnetic tape are available from the Statistical Lab at Iowa State University, Ames, Iowa. The results of the study are published in Bulletin #735 entitled "Soil Types for Illinois" which can be obtained from the Office of Publications, College of Agriculture, University of Illinois, Urbana, IL 61801.

CONTACT:
Mr. Howard Busch
State Conservationist
U.S. Department of Agriculture, Soil Conservation
P.O. Box 678
Champaign, IL 61820
Phone(217) 356-3785

CLIMATOLOGY

Climatological summaries

AREA: Entire state

UPDATED: 1969

The National Oceanic and Atmospheric Administration of the U.S. Department of Commerce publishes a series of climatological summaries for each state. The Illinois summary, "Climates of the States: Illinois" was revised and reprinted in 1969. It contains analyses of data collected during the years 1931-1960. Five 8 1/2" x 11" maps showing mean annual precipitation, mean maximum and minimum January temperatures, and mean maximum and minimum July temperatures are included. A map showing the locations of the observation stations locations and names is also presented. Copies of the Climatological Summary for Illinois can be ordered for \$.20 each from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

State Climatologist
Illinois State Water Survey
Box 232
Urbana, IL 61801
Phone (217) 333-2213

CLIMATOLOGY

Wind, humidity,
and cloud cover

AREA: Entire state
UPDATED: Monthly

The National Oceanic and Atmospheric Administration publishes monthly summaries of wind, humidity, and daytime cloud cover for seven reporting stations in the state. Wind data includes resultant direction, resultant speed, average speed, fastest mile, direction of fastest mile, and date of fastest mile. Average relative humidity at four times of the day is also presented. The percent possible sunshine and average sky cover from sunrise to sunset is also given for each station. The monthly publication "Climatological Data - Illinois" can be obtained for \$.20 per copy from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:
State Climatologist
State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-2213

CLIMATOLOGY

Precipitation

AREA: Entire state
UPDATED: Monthly

The National Oceanic and Atmospheric Administration publishes monthly series of precipitation data for over 100 reporting stations throughout the state. Daily precipitation totals (rain, snow, and sleet), monthly totals, and departure from normal are presented. The monthly totals and departure from normal are included again in the annual summary. Monthly evaporation is also measured at four reporting stations. The publication "Climatological Data - Illinois", both monthly and annual, can be purchased for \$.20 per copy or \$2.50 per year from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:
State Climatologist
State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-2213

CLIMATOLOGY

Temperature

AREA: Entire state

UPDATED: Monthly

The National Oceanic and Atmospheric Administration publishes monthly summaries of temperature data from over 100 recording stations throughout the state. Daily maximum and minimum temperatures, and monthly averages of maximum and minimum temperatures are reported. In addition, the average temperatures, departure from normal, and accumulated degree days are reported. The publication also includes a list of all recording stations in the state, their elevations, latitude and longitude, county, drainage basins, observation times, and the names of the observers. For the Urbana station, ground temperatures at 4" and 8" below sod are reported. All the above information and some additional data on freeze dates are included in an annual summary for the state. The publication "Climatological Data - Illinois", both monthly and annual, can be obtained for \$.20 per copy or \$2.50 per year from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CONTACT:

State Climatologist
Illinois State Water Survey
P. O. Box 232
Urbana, IL 61801
Phone (217) 333-2213

CLIMATOLOGY

Freeze date
probabilities

AREA: Entire state

UPDATED: Once, 1960

Based upon an analysis of data for the years 1930-1960, freeze date probabilities have been calculated for nine multi-county districts in the state. A two-page publication entitled "Climate of Illinois" has been prepared by the Illinois State Climatologist. The probabilities of the last spring freeze occurring after specific dates are listed for each district. Similarly, the probabilities of the first fall freeze occurring before certain dates are listed by district. A small map of Illinois showing the average number of days between the last freeze in spring and the first occurrence in fall is also included.

CONTACT:

Illinois State Climatologist
Illinois State Water Survey
Box 232
Urbana, IL 61801
Phone (217) 333-2213

QUALITY

Ambient air quality

AREA: Entire state
 UPDATED: Continuously

The Illinois Environmental Protection Agency maintains a network of approximately 80 air quality monitoring stations throughout the state. The stations sample at various frequencies and have the capability of determining concentrations of up to 6 types of pollutants. Some samples are analyzed off-site to determine concentrations of other pollutants such as trace metals. The data is stored in a computer tape file from which statistical analyses can determine average concentrations over various periods. The sampling stations are now located using a 6-digit county and township code. Plans call for refining this in the near future.

CONTACT:
 Environmental Protection Agency
 Division of Air Pollution Control
 Surveillance Section
 2200 Churchill Road
 Springfield, IL 62706
 Phone (217) 525-7326

QUALITY

Pollutant emission permit.

AREA: Entire state
 UPDATED: Continuously

The Illinois Environmental Protection Agency issues permits for all stationary devices capable of emitting air contaminants which have been constructed since April, 1967. Information on the permit application includes data on the amount and types of fuel consumed. Also, the agency issues permits for all air pollution control equipment installed since 1967. Access to the detailed information on the permit application forms is restricted because it may reveal secrets of manufacturing processes. Current plans call for the conversion of these files to a computer tape system. At that time it may be possible to extract non-confidential information to produce, for instance, a map of industrial locations by SIC code.

CONTACT:
 Environmental Protection Agency
 Bureau of Air Pollution Control
 Permit Section
 2200 Churchill Road
 Springfield, IL 62706
 Phone (217) 525-7326

QUALITY

Pollutant emission inventory

AREA: Entire state

UPDATED: 1971-72

The Illinois Environmental Protection Agency is currently involved in an effort to estimate air pollutant emissions over the entire state. The emission inventory is being prepared from emission permit applications, traffic volume data, space heating information, etc. Further information on this emission inventory can be obtained from the Agency.

CONTACT:

Mr. Ray Beckett
Environmental Protection Agency
Division of Air Pollution Control
2200 Churchill Road
Springfield, IL 62706
Phone (217) 525-7326

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